

# LEHIGH ALUMNI BULLETIN



THE COMMONS

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VOLUME 8

APRIL, 1921

NUMBER 7

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Published Monthly by the Alumni Association of Lehigh University, Inc.

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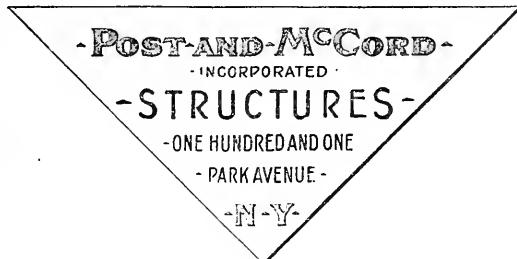
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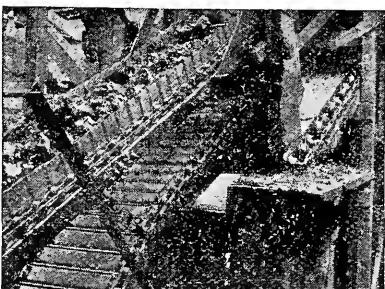
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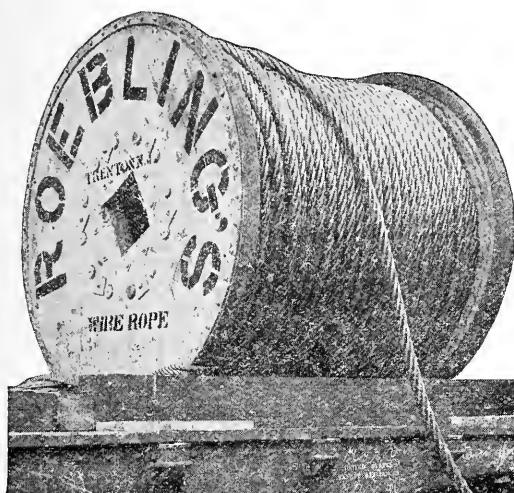
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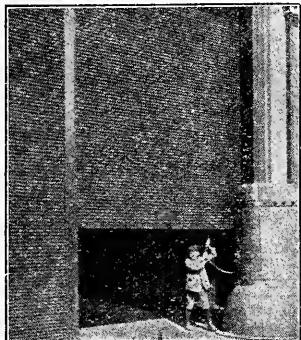


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# ALUMNI BULLETIN

OF

## LEHIGH UNIVERSITY

PUBLISHED MONTHLY BY THE ALUMNI ASSOCIATION, DROWN HALL, BETHLEHEM, PA.  
SUBSCRIPTION PRICE, \$2.00 A YEAR

VOLUME 8

APRIL, 1921

NUMBER 7

### NEWS AND COMMENT

**Alumni Council.**—On your ballot which you will receive early in April you will find an important question requiring a vote of "yes" or "no." The question of whether we shall revise our By-Laws in a way that will give to an Alumni Council power to pass on all important matters of Alumni policy. This Council to be composed of representatives elected one by each class and one by each club of less than a hundred members, with an extra representative added for such clubs as have a larger membership than one hundred. Such action on our part would limit to some extent the power of our Board of Directors but it is safe to say that the Board would welcome such a delimitation of its powers. As it is now they can only guess at what is in the minds of the Alumni at large and having decided on any policy can test its popularity only by putting it into operation and then await a slow and inadequate expression of approval or disapproval. It is slow and inadequate because there is no real channel into which the various streams of class and club opinion can pour and be given direction and force.

In the Secretary's letter to the classes in the February BULLETIN is given the division of duties, once such a Council is created and functioning properly: "The Board of Directors would do the advanced thinking, the Alumni Council would make the decisions, the Alumni Office would plan and direct all effort, **but the class and club organizations would do the actual work.**" And they would do this work willingly because it would not be thrust upon them as it is now but be of their own desire and choosing.

Clubs and Classes would under this plan have a reason for existance outside of the important one of bringing their members together from time to time. Meetings of clubs and reunions of classes would be made more interesting because matters of alumni and in time university policy would come before them for discussion and decision. Alumni Trustees and Officers would naturally be chosen from the class and club representatives who had shown the greatest interest, activity and ability in the work of the Council. Representatives to the Council in turn would be chosen from class or club officers who had most successfully handled the affairs of the club or class.

Eventually our University will be directed and supported to great degree by our alumni body. It is high time that we evolve a system which will bring to the front the men among us who are best fitted and, what is equally important, the most willing to serve as Trustees for our Alma Mater.

Last year our Trustees went on record as favoring giving the Alumni Trustees "the full representation by individual vote in the business of the Board," and it is our understanding that the charter will be changed in order to give this legal effect. This is the first step towards the very complete alumni representation that many progressive universities have inaugurated. Sooner or later Lehigh will follow in their footsteps and give her alumni a say in who shall constitute the rest of the personnel of the Board. Let us prepare for such responsibility by creating the machinery by which alumni opinion can be formulated and expressed.

\* \* \* \* \*

**The Presidential Situation.**—Early in December there was a joint meeting of the Trustees and Alumni Committees for the consideration of this all important question of "who shall be the next President of Lehigh?" There seemed to be a real concurrence of opinion as to the best course to pursue and we adjourned at midnight to meet again in the near future. There has been no meeting since. Just why I cannot say. Probably because the Trustees Committee had nothing new to offer and the Alumni Committee on the other hand have felt all along that entirely too much of the initiative was coming from our side. During this interval we have sent several communications to the Trustees Committee suggesting new names for consideration and giving information about the men suggested.

We have worked hard for ten months and have brought to the attention of the Trustees many men who seemed to us to be splendid material. The Faculty Committee has also submitted a carefully selected list of names to the Trustees. But that's easy compared with the Trustees' job of picking the right man. We have been careful not to handicap them by playing favorites. But that does not mean that we would shirk the responsibility of making a choice should we be asked for a definite recommendation. It

simply means that we have no power unless it be delegated to us by the Trustees. I can think of a number of things I would sooner do than act on a committee without power which is expected to get results.

\* \* \* \* \*

**The Educational Committee.**—On Saturday, April 16, the Alumni Educational Committee will meet in joint session with the Faculty Committee on Educational Policy. This meeting will be held at Bethlehem and should lay the foundation for future cooperation between these two committees. That they will find they have many ideas in common I know, for I have been surprised and delighted to note in my conversations with faculty members that many of the conclusions reached by the various faculty committees agree closely with those that found expression in the last meeting of the Alumni Committee. It augurs well for the future value of a policy if the faculty and alumni approaching the subject from entirely different angles and working independently each conclude that the welfare of Lehigh will be served by the adoption of such policy.

\* \* \* \* \*

**The Memorial Building.**—During the past month the Building Committee has secured several tentative prices from contractors who, on account of friendly or business relations with members of the Committee, were willing to make an unofficial estimate without cost to the Committee. These figures indicate clearly that a further drop in prices of about 20% is necessary before the building as designed can be built at a cost within the limits of our resources. The Building Committee, consisting of F. R. Dravo, Chairman, H. H. McClintic, W. C. Dicker- man, E. G. Grace and W. R. Okeson, has accordingly decided to postpone the call for bids for two or three months or until such time as prices for material and labor have receded from the March levels sufficiently to make it likely that the bids when called for will come within the appropriation.

\* \* \* \* \*

**A College Chamber of Commerce.**—We publish elsewhere an interesting letter suggesting the formation of a joint undergraduate and alumni organization which would promote the interests of and give publicity to Lehigh University. The letter states that the Alumni Association already has too much work to assume the additional duties which would be entailed by the management and direction of the joint activities outlined in the letter. This is correct as long as the alumni office is burdened with the work of promotion and organization which has formed so large a part of its duties for the past several years. But if we have reached, as I hope we have, the point where

propaganda is no longer necessary and our time can be devoted to constructive work, then it would not be impossible for the Alumni organization to assume the responsibility of directing the activities outlined in our correspondent's letter.

While we are on this subject of the activities of the Alumni Office I wish to say that the coming year will bring a decided change in one respect. We will take it for granted that we have our machine built and running smoothly and will devote our time to operating it and seeing what it will produce. In other words, all the energy applied in the past to stirring up interest, securing new members, collecting dues from delinquents and in general creating and financing our organization will be given to securing a better functioning of that organization. We have proved we can exist, now let us prove that we have a right to exist.

\* \* \* \* \*

**How About it, Lafayette?**—In the March 8 issue of the "Hazleton Standard-Sentinel" we find the following:

#### KEARNEY IS LAFAYETTE HOPE

Eddie Kearney, who played in Hazleton with the Pittston basketball team on several occasions, has entered Lafayette and has raised the hopes of the athletic directors there, due to his ability as a baseball, football and basketball player. After leaving the State League, Kearney was a factor in athletics at Wyoming Seminary. He has been already honored at Lafayette by being named secretary of the freshman class.

It is just such rumors, whether unfounded or not, which create suspicion and distrust between colleges. They destroy the spirit of sportsmanship that should exist in intercollegiate athletics. A common rumor in Easton is that Lehigh's players come right out of the Bethlehem Steel Plant and are paid by that Company to go to college. A common rumor in Bethlehem is that all a Lafayette man has to do to stay in college is to make good on the athletic field and his scholastic standing makes no difference. Of course such reports are absurd but they are believed because from time to time something does come out on good authority which shows there is a real question of the eligibility of certain players. A joint athletic commission, meeting at stated intervals and considering impartially all questions that are of mutual interest to Lehigh and Lafayette would clear the air of unfounded rumors and clear the ground of such foundation as may underlie the reports that ineligible men are playing on the teams.

Elsewhere in this issue we publish a speech made by our Alumni Secretary at a Lafayette Alumni dinner in which this subject is treated fully.

## Are You Coming Back?

I've got a motto,  
Always happy and gay;  
Look around and you will find  
Every cloud is silver lined.  
The sun still shines  
Although the sky's a gray one;  
And to myself I've oftentimes said,  
Cheer up, Clarence, you'll soon be dead;  
A short life and a gay one!

**DON'T DIE YET, CLARENCE! FIRST COME  
BACK FOR THE BIG DOINGS ON**

**FRIDAY, JUNE 10, and SATURDAY, JUNE 11,**

You can't afford to die and miss this! Even if by any chance you got the right ticket, eternity would be filled with vain regrets!

You're right about one thing, Clarence. The "sun still shines" in Bethlehem, all constitutional amendments to the contrary notwithstanding.

And talk about being "happy and gay." Just drop into the big alumni dinner, Friday night, June 10, at 7 p.m., at the Kurtz Restaurant. If you don't find gayety there I'll miss my guess. A continuous performance of music, mirth and song. Combined musical organizations of Lehigh and the Mustard and Cheese, assisted by all the Reunion Classes, will entertain. Speeches—well, the sky's the limit if you feel like trying it on. My advice to anyone who wants to talk would be to bring a megaphone. Tickets on sale at the door. **BUT MAKE YOUR RESERVATION BY LETTER SO THAT YOU CAN BE ASSURED OF A SEAT WITH YOUR CLASS!**

The sky may be gray, but it sure will be lighted clear to the zenith by the big red-light P-RADE to the athletic field, where on the stroke of midnight the flames of the funeral pyre of that destroyer of undergraduate hopes, Calculus, will rise unto high heaven.

And then think of the silver lining to this cloud. Instead of long drawn out reports at the Alumni Meeting on Saturday morning we are actually going to have an open forum and everybody will have a chance to air his grievance and shake his grouch. The opportunity of a life-time, boys. Don't miss it!

If you want a room in the dormitories write for it and we will reserve it for you. Paper towels and soap free of charge. The room is thrown in with the towels. Efficient bell-boy service by the night watchman. All you have to do if you want anything is to ring Packer Hall bell. If that's too much trouble go to sleep and forget it. In the morning a dip in the big pool in the Gym and breakfast at the Commons. This will be a "short meal and a gay one" if King Matthews catches you coming in late.

(Continued in our next.)

# Lehigh University

BY CATHERINE DRINKER BOWEN

## CHAPTER III

### HOUSING AND MEALS

Henry S. Drinker was the man who answered practically the questions raised by the students ever since Dr. Lamberton's time: "Where shall we eat? And where shall we sleep? And where shall we hold our hops?" When Dr. Drinker came to Lehigh in 1905 he was in the throes of putting the third of his own four sons through college; perhaps it was this personal experience that had implanted so deeply in him the importance of providing a boy at college with healthy food, pleasant living quarters, and the opportunity to meet his fellows. A centralization on the campus of student life was the goal for which Dr. Drinker worked with hand, heart and mind for fifteen years. We find expression of this ambition in a letter to the alumni published and circulated in the autumn of 1906, when funds for Drown Hall and the College Commons were being raised. In the course of the letter he says: "What can possibly be better for our students, our coming fellow Alumni, than to bring them into this association,—to give them Drown Memorial Hall with its social features, its facilities for students' gatherings in pleasant surroundings,—to furnish them with good food at reasonable rates, in a Commons conveniently located, and to promote college feeling and loyalty by bringing our men together, rather than to suffer them to live as scattered units through the two towns, exposed to influences that often are not for the best. . . . . it would seem that our policy must gravitate naturally to this end."

When Dr. Drinker came to Lehigh as an undergraduate in 1867, all the students lived and boarded in Christmas Hall, under the strict surveillance of Dr. Coppée and George Washington Smith and Nathan Tucker, Janitors. According to the *Burr*, Saucon Hall, later built, was quite a palace, allowing for the standards of eighty-one,—"bathrooms on every floor, with hot and cold water, gas and heat in unlimited quantities,—all for a dollar a week." A constant source of complaint, however, lay in the arrangement obliging those dollar-a-week lodgers to part with four dollars more for board next door at Christmas Hall. The account for one scholastic year of C. E. Ronaldson, '69, debits him in favor of the University with twenty dollars for books, twenty-five for washing, ninety dollars tuition, one hundred and ninety for board for forty weeks, . . . . . three hundred and twenty-five dollars in all.

Previous to 1880 the University, in spite of an equipment and endowment remarkable for the time, had never been able to raise the number of her students to the hundred mark. So that for many years the college presented the aspect of a large family, with the strict old West Point soldier presiding, first as a parent, and then as a kind of *Parentus Emeritus*.

With Dr. Lamberton's inauguration in 1880, there began to flow into the University an insistent and ever increasing volume of students which pressed upon and broke down many conventions and customs of the old time; and in erasing those more intimate records of boarding-school and college, discovered the broader tablets upon which was to be written Lehigh's history as a University. But, neither in teachers nor in equipment did the means of the college grow proportionately as each hundred was added to the registration rolls; and indeed, few improvements were added to the building equipment of the University from 1885 to 1905.

As far as living conditions on the campus were concerned, they simply disappeared,—there weren't any conditions, as the society girl reported who was sent to investigate living conditions among the employees of a certain factory. The Christmas Hall restaurant was given up; the students could not be housed even with the addition of one floor of Packer Hall as a dormitory.

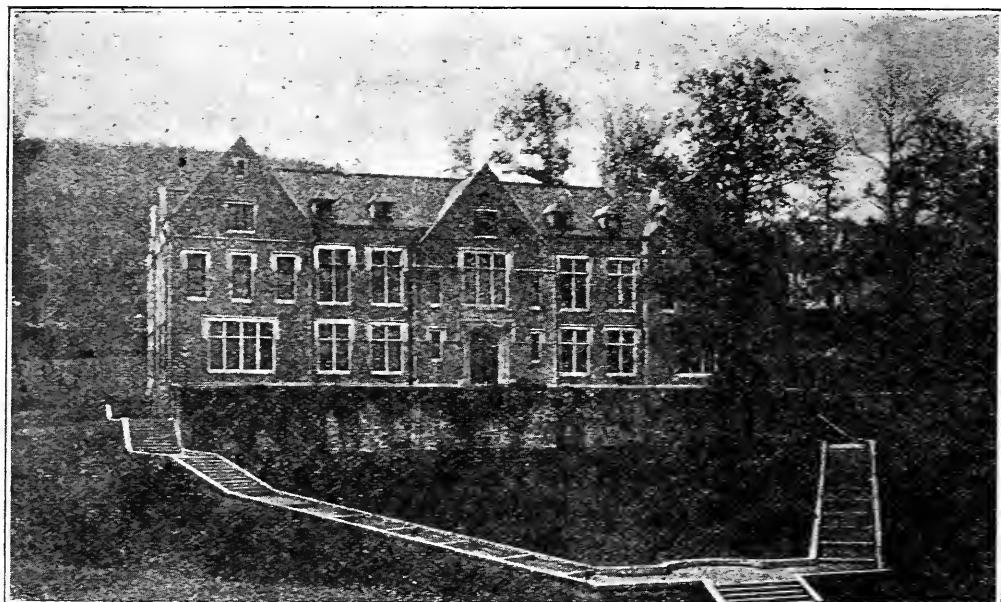
They overflowed into the town, and there began the reign of what their victims called the "boarding-house autocrats of Bethlehem." Many were the pleas, written and spoken, for a college restaurant or Co-operative Dining Association such as Harvard had founded in 1874.

The high social value of meal time is something of which we in America have much to learn. The business man's proverbial cup of coffee and sandwich taken on the run, perhaps at one of those abominations, the standing lunch counter, horrifies, and justly, the Continental visitor to the United States. The American not only likes to be busy, he likes to look busy; any appearance of repose or tranquillity during working hours he feels would destroy his status as a man of affairs. As he enters his business neighbor's office he judges that man's capacity by the amount of motion and commotion he sees; the ringing of telephones, the banging of typewriters and other office hubbub that greets him at the door. Happily these false measures of a man's ability are being modified every day; glimpses of a saner attitude toward living allow us more time for play. Scientific men who are specialists in the study of fatigue and its relation to output in industry, carry on their researches into industrial plants and marshal their statistics to prove to us that time taken for relaxation is not time lost, but pays for itself by adding to the sum total of a man's labors for the day.

The activities of the average college student during the morning hours certainly do not exhaust his faculties to the point where he needs much of a recreative period. Food to him is just "eats"; what he wants is apparent to all who take their meals with him—he wants to fill up that gnawing hollow within him. To watch his performance when the whistle blows reminds one of the words of the Preacher, "For who can eat, or who else can hasten hereunto, more than I?" Nevertheless the college student craves the friendly side of meal time as much as anybody else. The poor boy or the shy boy sees it as his chance to meet his fellow students. He can sit at table with them without embarrassment of any responsibility, knowing he does not intrude, and that he can leave when he wants to. Lehigh students of the eighties, instinctively recognizing this social value of meal time, drew together in congenial groups and formed eating clubs. These clubs developed spirit enough to organize football and baseball teams; their many contests afforded pithy material for the college news runners, who delighted to report what the Erwin's Boarding House eleven did to the Skin and Bones last Saturday, or how the Snarly Owls beat up the Eagle Hotel. Many of these clubs were fraternity affairs, for even those fraternities owning houses, or substantial equities in houses, were not yet ready to meet the expense of maintaining their own dining rooms. As late as 1913 we find several fraternities availing themselves of the fifteen dollar a month rate at the College Commons. They one and all, however, withdrew to the seclusion of their own houses as soon as they had enough money in the little tin box to set up a stove and hire a chef. All, that is, but one fraternity, which, recognizing that fraternity life tends towards exclusiveness, stayed on at the Commons longer than the lack of funds dictated, believing that association with non-fraternity men was a benefit to all concerned. By 1920 the last fraternity had deserted, and all were definitely committed to the policy of eating in their own houses.

Until 1906 the University provided no suitable place where the students could meet informally, to smoke and read and talk and loaf. A "smoking room" in Christmas Hall was fitted up by popular subscription, but this was short-lived, as the smokers made so much noise and disturbance that Dr. Drown saw fit to close the room while there were yet a few pieces of furniture standing. The Y. M. C. A. reopened the room in 1901, adding to its furnishings papers and periodicals, and managed to keep it open for five years more.

Such were the conditions under which the students lived prior to 1905. With no dormitories, no Commons, no satisfactory recreation rooms; the students remained scattered through the town, drinking bad water and eating bad food; depending for their amusement entirely on what the town could afford—and we make no doubt they had a pretty good time, even though there were no movies then.



**DROWN MEMORIAL HALL  
THE STUDENTS' CLUB**

The entire transformation of the University grounds and buildings which took place during Dr. Drinker's administration was, with the exceptions of the Cixie and Fritz laboratories and Coppée Hall, concerned with this most significant problem of the social conditions.—the housing, feeding and social life of the student body. Lehigh woke up, and bestirred herself to put every opportunity for healthy living and healthy recreation in the way of the young men committed to her charge.

One of the first monuments to be erected to this new policy, a policy which Dr. Drinker hoped would "at last give us real college life, and bring about as nothing else can do, that personal acquaintance and friendly intimacy in the student-body, and between the students and the teaching force, that only personal touch and constant association can foster," was Drown Memorial Hall.

Drown Hall, opened in the spring of 1908, is situated in the heart of the campus, and its bowling alleys, chess rooms, reading rooms, et cetera, are easily accessible to everyone. Its spacious assembly room adds dignity and, at the same time, a certain at-home-ness to every function held there. To be entertained in the home of one's host, surrounded with visible manifestations of his personality, carries with it a flavor and spice which makes the hotel or country club hospitality seem thin, flat and unprofitable. In the 1920 performance of the "Mustard and Cheese," staged in Drown Hall, there was an intimacy and contact between actors and audience impossible to kindle in the gloomy recesses of the town theatres—at least since the time of T. A. Bryant, '13, the inimitable.

Back in the nineties old Dr. Harding said he couldn't see why the students kept agitating for dormitories: he thought it was a suitable and democratic thing for them to live among the people of the town. If the water was bad, and made the young gentlemen sick, why, Dr. Drown was going around the country examining every spigot and plagueing the authorities until they had instituted filters. Dr. Drown truly worked wonders in the direction of pure drinking water in Bethlehem, and Dr. Drinker continued in the good work—but it was not on account of their health alone that the students so much desired a dormitory. Dr. Harding was in the minority, and if he could have lived until 1907 he would surely have joined in the rejoicing when Andrew Carnegie added Taylor Hall to Lehigh realities.

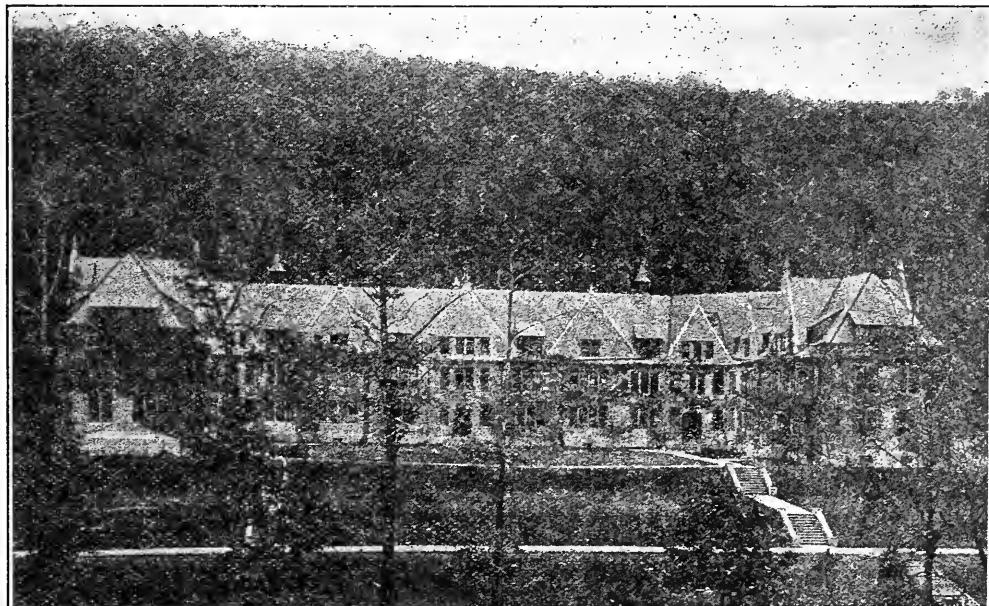
One-third of the student body lives on the campus (1921). The fraternity houses take care of more than one half of these, and it is only a question of time until all of the fraternities build on the University Grounds. The College Commons, built in 1907, has a capacity of five hundred, but since the last fraternity deserted, it is never used to more than two-thirds capacity except on state occasions,—those brilliant luncheons at which is served what one of Lehigh's most honored graduates, George L. Robinson, '00, calls "Lehigh salad." He avows it is kept in a silo up on South Mountain, and rolled down the hill in French Revolution carts every June.

There are at the time of writing, but four professors houses on the campus; one of these is soon to disappear. Many of the faculty members have expressed their desire to build on the University Grounds, but are discouraged by the rule prohibiting all building below Sayre Park. Some of those professors are forced to live at a great distance from the University, a few of these take their lunch at the Commons; and, as there is no faculty club of any kind, they are glad to seize this opportunity of meeting their fellows. Plans have been suggested for an apartment house for the bachelor members of the faculty, with a general recreation room on the first floor. Indeed, many schemes have been proposed to provide adequate housing for the faculty, but none of the plans has matured; and the faculty, clinging perforce to the fashion of 1865, remains scattered through Northampton County.

In 1881 the University Grounds were described as "a wilderness." Indeed, all of the University acres back of Packer Hall remained a wilderness until 1906. The writer of this book was eight years old when Dr. Drinker removed his household from Delaware County to Number Three, University Park, and if our readers will pardon a digression into the personal, she well remembers her disgust when, a year after his arrival, they began to build the road back of the president's house. It cut straight across a brook well stocked with salamanders and crawfish, and spoiled the best part of her fishing.

By that road the southern boundaries of the campus were broken, and year by year the University pushed up the hill, laying roads and erecting buildings, clearing and pruning and planting, until a mountain park was developed which, excepting Cornell and Leland Stanford, is rivalled by no university in America.

(To be continued.)



TAYLOR HALL (DORMITORY)

## SPORT AND SPORTSMANSHIP

An address by Walter R. Okeson, Alumni Secretary of Lehigh, to the  
Lafayette Alumni of Philadelphia, March 11, 1921

Mr. Toastmaster and Alumni of Lafayette:

It is rather customary for an after-dinner speaker to start by saying he is reminded of a story. It don't as a rule take much to remind him. Anything or nothing is sufficient to hang that impromptu and carefully memorized story on. But, gentlemen, I have a real right to say that I am reminded of a story. A very old story. Everything about this occasion reminds me of it. My presence here—a Lehigh man surrounded on all sides by men from Lafayette—makes it mighty hard for me to forget that story. You've all heard it. Therefore I won't have to tell it. All I will have to do will be to mention the title of it. As I stand here, gentlemen, in inward fear and trembling, all I can think of is—"Daniel in the Lions' Den." The one saving plank to which I am clinging is the remembrance that he came out alive.

And if any of you men can go back with me thirty years you will remember what a Lions' Den either Easton or Bethlehem was for any unattached student of the rival colleges who happened to parade the streets of the enemy town after a football game. Any old-time player on either team in those days will tell you that his chances for hard knocks weren't over when the game ended. More than one man has laid down on the bottom of the coach to avoid the possibility of stopping a well-aimed rock. I have myself. Of course these rocks were not thrown by students, but I am afraid they exemplified the spirit of those days. I know that a football game that didn't produce a fight in the crowd of spectators, which often rose to the volume of a riot, was considered rather tame in the late 80's and early 90's. Of course we officially deprecated the fights but—Lord, how we enjoyed them.

In many ways our sportsmanship has improved since then, but it is far from what I would like to see it even yet. I sometimes wonder if either Lafayette or Lehigh appreciates what a valuable asset each college has in its rival. Few people realize that the greatest record of football games played between two colleges is that of the Lafayette-Lehigh series. Fifty odd games, covering a period of almost forty years, with only one break in relationship, which lasted but a single year! It's a great record and one to be proud of. No wonder the Lehigh-Lafayette game has become a classic. Suppose this ancient rivalry did not exist between these two colleges. How much would be taken out of the life of each! And, incidentally,

what a big hole it would make in the athletic finances of each institution. Last Fall we divided as the net receipts of the game played on November 20, about \$32,000. That was clear profit with every expense paid. As treasurer of the athletic committee at Lehigh I have an intimate knowledge of the athletic finances of both institutions, and I know that other branches of sport at each college are largely dependent on this income from our annual football game.

I think we will all agree that it is a good thing, a fine thing, this spirit of rivalry that holds us apart yet binds us together. As for myself, next to Lehigh I cherish Lafayette. Three times have I gone down to defeat on the football field when playing against her, and three times my team triumphed. So I know both the joy of victory and the sting of defeat. But I revel in the memories of all six games, and next to the men who were my team-mates, I remember with real pleasure the boys who fought on the other side. Rinehart I count one of my best friends. And as to dear George Barclay—Rose as we called him—my heart saddens every time I think of his untimely death. A wonderful boy, and I loved him. Then there was your Coach, "Dink" Davis. I could only hate "Dink" for two afternoons in the year. The rest of the time he was to me a prince of good fellows.

Now, we fought hard in those days, but we honored the men we fought with. And sometimes, gentlemen, as I have watched football at the two colleges during later years. I have wondered if this were still possible. We were far from ethical in handling our athletic problems then, but at any rate we were not hypocrites. And today when colleges everywhere profess to be following a high code of ethics my certain knowledge is that, instead of an occasional man improperly persuaded to attend, sometimes whole teams consist of men who have been offered "inducements." Football to me was sport. Can it be sport to a man who goes to the college offering the greatest inducement and plays largely because that is what he is supposed to do in return for the financial aid he is receiving? Does he get the real joy out of the game that is there for the man to whom the highest honor and greatest joy in life is to be chosen to wear his college colors and battle for his Alma Mater? I doubt it. In fact I find the general feeling is among college athletes everywhere that they are putting the college under great obligation to them by wearing those colors. Instead they should

feel under obligation to their colleagues who by their support make it possible for a lucky few to satisfy their desire for sport.

Of course, this spirit among players has been engendered by the over-emphasis that has been put on their athletic ability during their prep school days when various colleges have literally been bidding for their attendance. The demand for victory, at no matter what cost, has led to well-meaning alumni offering inducements to promising athletes to attend their particular college. This has been an almost universal practice during the past few years and we are beginning to feel the evils that follow in its train. It is but a step from securing school-boy stars to hiring professional athletes. Promises of the most exaggerated kind are made in order to offset the lure offered by rival colleges. Often these promises are not fulfilled and the athlete becomes disgruntled and feels himself misused. Once in that attitude of mind, with his ideals lowered by the fact that sport and money returns have been made synonymous by the inducements offered him, he is in danger of becoming the prey of professional gamblers. If we don't want the scandals of baseball repeated in football, we must do our part to restore college sport to a real amateur basis.

There is nothing new in all this. Many men have felt as I do and expressed themselves in the same way. But always the answer is, "We don't want to do these things, but we are forced into it by the action of our competitors. We will be glad to stop if they will." Coaches recognize the evil, and many of them are finding to their sorrow that the professional or tramp athlete is mighty hard to control or discipline. I heard one say last Fall, "We coaches are fools. None of us want this system. The games won and lost would total the same if it didn't exist. But to hold our jobs we must win. And so we foster the system by demanding more and better material. In the long run the alumni get tired of the drain on their pocket books. For a year or two none of the extraordinary material is forthcoming and down goes the coach's reputation, falling like a house of cards. His team may be better coached than any he has ever handled, but because the material is poor and the team doesn't win he is damned utterly."

Now, in connection with this spirit of "we only do it because our rivals do," I want to quote from a speech made to the New York University Club by Clarence W. Mendall, Yale, '04, who is the chairman of Yale University Athletic Association. In the light of the suspicion and bitterness that has often shown itself in the relations between Lehigh and Lafayette it would be well for all men from both colleges to take this quotation to heart.

"True sportsmanship can never be the guiding spirit of athletics within any university as long as there is a spirit of suspicion and bitterness between the universities. Whoever or whatever your opponent may be, if you consent to meet him, and if you are really a sportsman, you will give him unqualified credit for the same high ideals that you cherish yourself. If individuals in another organization make this hard to do, you will realize that they are a thorn in the flesh to their college as others of their kind are to your own. Poor sports there will probably always be, but for a whole college to be a poor sport is an inexcusable disgrace."

Most of my life has been spent in engineering and contracting work. I can remember when the various big bridge companies of the country suspected and mistrusted each other. Every unethical practice indulged in was excused by the feeling that your competitor was doing the same or worse things. Then came a joint organization called the Bridge Builders' Society, and these business rivals met once a month in social and business intercourse. Each discovered that the other chap was a gentleman and anxious to be honest and honorable in all his business dealings. Then the old sharp practice vanished for the fear of the other fellow pursuing unethical methods was gone and with it the temptation "to beat him to it." When a contract was won by a rival you realized he deserved it because in some way his organization was functioning better than yours. Defeat spurred you on to improving your methods and organization and did not drive you to meanness and treachery.

And that, gentlemen, in my humble opinion, is the way out of this wilderness of poor sport and poorer sportsmanship. An honest, frank and open discussion between the representatives of all colleges who meet each other in competitive athletics. An organization that will bring into intimate contact the men who control athletics at these colleges so that a feeling of belief in the other fellow may arise which will keep you from breaking faith with him. If after this close relationship you find it impossible to trust the men directing athletics at any particular college—drop that college from your schedule. Don't allow their lack of sportsmanship to taint or lower your own. This organization of colleges in any district could frame the rules to govern the intercollegiate sport of that district and in time we could all learn to conform to those rules. The college that could not, or would not conform, would pay the usual penalty of non-conformity.

To you men of Lafayette I submit something even more definite. Steps are being taken by the National Collegiate Athletic Association to bring about, in this district, such an organization as I

have outlined. But it may be years before it is formed and functioning properly. Meanwhile why should Lafayette and Lehigh wait for any one else to show them the way? Why can't we, two old rivals, meet each other in a spirit of true sportsmanship and create a joint athletic board consisting of committees from the two athletic associations, who will frame the rules to govern our contests and clear up the doubt and suspicion that the constant unrefuted rumors engender in our rival camps. It is from us—the alumni—that the undergraduates take the cue. If we show we are true sports who really have the highest of ideals, they will gladly follow in the path we point. If we are bad losers, if we constantly slur and gossip about our rival, we taint the sportsmanship of the undergraduate body. If we show no willingness to meet each other on common ground, confess and amend our faults, when faults are found to exist, we cannot blame the student for feeling the other college is but a wolf in sheep's clothing and that any practice is justified to defeat the evil machinations of the wolf.

Mutual trust and mutual respect are necessary to the life of any athletic rivalry. Dishonesty of purpose or of practice will finally bring ruin in their trail. If we can't be honest and frank

and meet a rival half way it is because we are poor sports and lacking in all that makes up good sportsmanship. My memory of thirty years of Lehigh and Lafayette men tells me that whatever else we are we are not poor sports. The record of the rivalry between the colleges proves that we are away above the average in sportsmanship. Therefore I submit to you that we should lead and not follow in this effort to keep alive that spirit which fosters fair play and honest rivalry.

Without this intangible spirit which gives to college athletics something of more value than mere muscular exercise and mental training, we have lost the real heart and soul of intercollegiate sport. It is not what we play, but how we play, that shapes the destiny of the nation. And so I put the question to you flatly, shall we tonight determine, that, as far as lies in the power of those of us who are here, we will promote the creation of the machinery which will bring into our relations mutual trust and preserve unto the generations to come the great tradition of the rivalry of Lafayette and Lehigh—a rivalry which will rest on the firm foundation of that sentiment of Theodore Roosevelt—"Don't flinch, don't foul and hit the line hard"?

### THE TROPHY ROOM

#### Some Pictures Still Missing

In the November issue we published a list of the pictures missing from our Trophy Room. An immediate response from Arch Johnston, '89; F. H. Gunsolus, '98; H. F. Campbell, '04; H. W. Pfahler, '04, and A. K. White, '13, brought us photos of some of the missing teams. Now comes a picture of the '95 championship lacrosse team, sent in by its manager, C. T. Ayres, '95. It looks as though another reminder is necessary. Particularly to "Tommy" Gannon, who promised to send the '96 and '97 baseball pictures. Below is a list of the pictures which we still lack:

**Football.**—There are no pictures of the teams of the following years: '90, '91, '93, '97, '99, '01, '02, '04, '05 and '15.

**Baseball.**—No pictures previous to 1888. We have a picture of the teams of '88, '90, '92, '94 and '00. Outside of these teams all pictures are missing up until the team '07. After that we have all pictures.

**Note.**—Just as we go to press the pictures of the '98 and '99 teams were received from J. W. ("Gator") Grace, '99.

**Lacrosse.**—No pictures previous to 1887. Subsequent to '87, the following teams are missing: '91, '94, '96, '97, '98, '00, '03, '04, '05 and '14.

**Track.**—No pictures previous to 1900. Subsequent to '00 we have all pictures except for the teams of '02, '03 and '04.

**Basketball.**—The pictures missing are those of the teams of '04-'05, '05-'06 and '10-'11.

Be sure and mark the names of the players on all teams you send in. We will then transfer these names to the new mat which will be put on when we frame the picture.

### LEHIGH WELL REPRESENTED

At Tau Beta Pi's annual banquet, held in Schenectady, N. Y., recently, Lehigh was well represented, by Mr. H. G. Reist, '86, and Mr. A. W. Henshaw, '94, both of whom occupy prominent positions with the General Electric Co. Professor McKibben, formerly of the Civil Engineering Department of Lehigh, was also one of the speakers, so that Lehigh was really represented by three speakers out of a total of four.

The Schenectady chapter of Tau Beta Pi is made up of nearly 150 graduates of engineering colleges and nearly every college of the country is represented. Most of the members are connected with the General Electric Co. and American Locomotive Works in Schenectady.

At a great many of the meetings at which men congregate at the present time, the subject of education comes up for discussion and Tau Beta Pi's banquet was no exception, for three speakers of the four discussed some phase of education and training.

## THE INSPIRING OUTLOOK BEFORE AMERICAN ENGINEERING

BY MORRIS LLEWELLYN COOKE, M.E. '95

**A talk given before The Philadelphia Engineers' Club and also before a joint meeting of the Baltimore Engineers' Club and the Baltimore Section A. S. M. E.**

The hour of opportunity for the engineering profession really seems to have arrived. All the problems of our common life have come to be recognized as of a size and complexity requiring basic solutions. The public is apparently beginning to lose faith in short cuts and political expediency and will more and more demand social and economic re-adjustments based on a full understanding of all the facts and a thorough-going orientation of all the elements in any given situation. There is also clearly discernible throughout our profession a growing sense that somehow the engineering approach is what is needed if ordered progress is to be the watchword for a civilization in the agonizing process of seeking new levels. Every day sees us ready to broaden our definition of engineering. To the fields of design and construction we are adding operation with ever increasing emphasis. In fact there is every reason to believe that our work in the field of the management of men—the engineering of men as contrasted with the engineering of materials—is the one thing which is elevating our profession, placing it on a plane with the other professions which have dealings with men as distinguished from dealings with things. May we not look forward to a favored position among the professions in view of our dealings with both materials and men.

No one has stated this expansion in the scope of the field of our profession in a more illuminating fashion than Herbert Hoover, when, in speaking of the engineer, he said:

"Unlike the doctor, his is not the struggle to save the weak. Unlike the soldier, destruction is not his prime function. Unlike the lawyer, quarrels are not his daily bread. Engineering is the profession of creation and of construction, of stimulation of human effort and accomplishment."

Such a job is certainly there to be done. Even if we have not been officially tagged or designated to do it we must admit that there is no other agency or division of society competing with us for the opportunity. It therefore resolves itself into a question as to our capacity to embrace an opportunity as splendid as it is obvious.

Given a job to do the wise workman first looks to his tools. What then should be included in the equipment of American engineering when launching forth on such a noble and ennobling task? The appointment in recent years (1) of Or-

ganization and Aims and (2) of Development Committees by various representative engineering organizations and the changes which are resulting from their activities may be taken as an evidence of a desire to so re-vamp individual organizations as to broaden their field of service and to co-operate most effectively in bringing about engineering solidarity throughout the nation and ultimately throughout the world.

### **The Cause of Engineering Solidarity.**

The cause of engineering solidarity has been much advanced recently by the frank acknowledgment of public purpose as the goal of engineering as expressed in the Preamble to the Constitution of the Federated American Engineering Societies which reads as follows:

"Engineering is the science of controlling the forces and of utilizing the materials of nature for the benefit of man, and the art of organizing and of directing human activities in connection therewith."

"As service to others is the expression of the highest motive to which men respond and as duty to contribute to the public welfare demands the best efforts men can put forth, NOW, THEREFORE, the engineering and allied technical societies of the United States of America, through the formation of The Federated American Engineering Societies, realize a long cherished ideal, —a comprehensive organization dedicated to the service of the community, state, and nation."

American engineering solidarity must ultimately involve the working out of a scheme by which every engineering activity and every engineering organization—local, state, regional and national—is each given its logical place in a living and vibrant whole. One of the chief purposes of such an American engineering union should be to take a leading part in effecting international engineering solidarity. Work already done in adopting international standards suggests the illimitable field for international engineering co-operation with the public welfare as its motive.

### **Passing of the All-round Engineer.**

Obviously engineering solidarity will be impossible except as we break down the distinctions between men practicing in different branches of the profession. The throat and nose specialist, the gynecologist and the orthopedist find their work in different parts of the human body, but their tools and their technique and their science are largely the same. No medical profession would have been possible except through the recognition

of the essential similarities in all medical and surgical work. The day of the all-round engineer has gone. It is really through the travail brought about by our wide-spread specialization that a genuine profession of engineering is being evolved.

All our current schemes of organization of engineering bodies—our managing, administrative and directive methods—are really very crude, permit much duplication of effort and anxiety over non-essentials. In the light of its historical development perhaps it could not be otherwise. But in view of the fact that management and its allied activities are now a recognized part of engineering it behoves us to study the problems of our organization. We should be a model in this respect for other social agencies.

#### Imagination Desirable Feature.

We can be profoundly thankful that in this hour of dawning opportunity for the engineer many of those in charge of technical and engineering education have come to feel that our courses of study have been too much filled with facts and that these facts are too largely concerned with materials—the strength of materials, the mechanics of materials, the buying and selling of materials, etc., ad libitum and sometimes ad nauseum. Humanistics and the engineering of men have been virtually ignored in the typical engineering curriculum. But even the radical changes in engineering education already suggested leave large gaps in any ideal scheme. One of the most desirable elements in the equipment of an engineer is imagination. And yet I think you will look in vain for a course in engineering where a conscious effort is made to cultivate the imagination of the student.

Any possible difficulty in the way of working out a satisfactory code of ethics for engineers is removed when as in the new draft of the American Society of Mechanical Engineers and in the Constitution of the Federated American Engineering Societies the public interest is recognized as the supreme test of professional conduct. If a given act is not broadly speaking conducive to the public welfare it is no longer good engineering. So the master step has already been taken. The drafting of codes, the publication of interpretations and perhaps some day the exercise of discipline for their enforcement are simply details. To paraphrase Maine engineering ethics simply mean standards of conduct to which the better mind of the profession would wish all engineers to aspire.

#### Character of the Engineer's Task.

And now, my fellow engineers, let us discuss very briefly what is to be the general character of this inspiring task which lies before our profession. In a word, is it not an adequate fulfillment of our obligations to science and to hu-

manity? To accomplish this we must, of course, keep on doing in ever-increasing measure the same high grade technical work the doing of which in the past has given us our present position. But no matter how thorough and painstaking our technical work may be nor how much real genius we bring to bear on it, it will not fully answer the expectations of our time. Where in the past we have more or less drifted to our results we must now lay out and consolidate our field of action and sweep on to wider and deeper solutions not only by predetermined methods but on predetermined time schedules. We must introduce into engineering something akin to the vaulting character to be found in the work of any great artist.

#### The Engineer's Responsibility.

The line of our engineering attack on world problems is terribly ragged. Here and there we have pushed our defenses deep into the enemy country. But at myriad points our ignorance and wastefulness are so supreme as to invite disaster. To maintain a reasonably steady line of engineering advance is our responsibility. The great fact to be remembered is that we gladly accept it and thank God for all the opportunities thus opened up. It has just dawned on us, for instance, that our coal mines are working about two hundred days in the year and further that on the days when they do operate the output per individual is conservatively estimated at less than half that common in metal mining. Herbert Hoover has recently characterized coal mining as "the worst functioning industry in the country." Some of our best engineering minds are now sifting out the facts in the situation. I have no hesitation in predicting immediate and revolutionary improvements in methods of mining coal, many of which have remained unchanged for over one hundred years. Tonight, the Philadelphia Engineers' Club devotes an evening to a discussion of the technical advantages of a three-shift day as contrasted with a two-shift day for continuous processes. On December 3, in the Engineering Societies Building in New York, four engineering organizations will co-operate in holding a meeting at which the long day in the steel industry will be analyzed. Mr. Gary has testified that the fact that over 69,000 employees of the U. S. Steel Corporation work the two-shift or average twelve-hour day. It is a simple problem in arithmetic to say that a twelve-hour working day plus the time required to go and come from work plus time properly taken for eating and sleeping leaves too little margin for the home-life and recreation implied in American citizenship. We engineers are accepting this problem and, without resort to anything but the engineering method, we propose to demonstrate to the community through

the experience of forward-looking men in one industry after another that the long two-shift day is wasteful from whatever angle it is viewed, or rather that the three-shift day with its shorter hours and its conservation of men and materials is a paying proposition. I will leave to you to fill out this schedule of individual tasks which cry out for our attention.

In conclusion, I would direct your attention especially to three or four aspects or attributes which all engineering must take on if, as a profession, we are to play a major role in the Great State now being forged out of a world's agony and turmoil.

#### Democratization of Engineering.

First we must see to it that engineering is democratized in the sense that art has been. It must be brought to the people or within their reach or control, to quote the dictionary. We must seek out all the ways in which the man on the street with a thousand interests can be made to feel a sense of satisfaction—even proprietorship—in engineering advance. We engineers must avoid building up a cult and looking upon ourselves as a class apart. On the contrary we must individually more and more seek to widen our contacts with all the pulsating life of our times. Let us study the technique of reaching the people through non-technical publications and throw open our engineering laboratories, libraries and halls to the widest possible public use. Let us seek to have engineering grow up, as it were, out of the necessities and desires and life of the people.

#### Cultivation of Aesthetics.

It is unnecessary to remind this audience that nothing can be truly great unless it is beautiful. And so as my second point, I suggest the cultivation of aesthetics as a feature of every branch of engineering. Sometimes in a siuister mood we associate noise and ugliness and even filth with accomplishment, with "getting things done," as we say. But it is all like a bad dream. It is not true. Largely because we need the influence of their love of the beautiful I hope we can get closer and closer to the architects so that ultimately we may find ourselves one profession. For this reason we engineers should all be profoundly grateful that a committee of the American Institute of Architects has unanimously recommended that the Institute join the new Engineering Federation. We have come to recognize beauty as an element in some of the work of the engineer. Some of our recent bridge work has really been quite inspiring. But think of the room for improvement in the average industrial establishment! I have recently covered about five hundred miles in an automobile trip through some of the loveliest American scenery. While willing to con-

cede that the highway engineers responsible for the work on my route for the most part did a good job in providing a smooth, permanent and safe track, almost nowhere did I find evidence of a thought for the conservation of rural charm and sylvan beauty. Gradually the speed factor will be subordinated and the age-long lust of man for beauty will demand new standards for highway construction. Whatever your engineering task, see to it that you introduce into it every possible consideration making for charm and beauty.

#### Introduction of Romantic Quality.

And then, we must more and more represent the imputation that because we engineers try to be reasonably sure of our facts, engineering itself must necessarily be either dull or prosaic. On the contrary, we begin to see that engineering may have a romantic quality—indeed, that all great engineering work must have it. In an article in the October "Atlantic," the late Francis B. Gummere, professor of English at Haverford College, defines romance as "the audacious but not irresponsible treatment of fact" and again as "the control and combination of facts by imagination and hope." Perhaps we engineers have too frequently sought to combine and control facts without the aid of imagination and hope. But we do not have to persist in this error. And will not this best of worlds be even better when our engineering becomes tinged with romance as Professor Gummere has defined it?

#### Spiritual Values.

And finally, if we are planning a profession which shall largely affect progress in God's universe, we must introduce something akin to spiritual values into engineering. Nothing short of this will give us real leadership in a world where nothing but moral values really counts. Justice Holmes has said that it is our business as thinkers to make plainer the way from something to the whole of things; to show the rational connection between our fact and the frame of the universe. This clearly leads us into the life of the spirit and I venture to say that great engineering works are rarely conceived and executed by those who have not trod this path.

Is not this then the soul of the task of the engineer; so to arouse and direct the creative impulses of a race as to make a world where the human spirit can be absolutely free in its Oneness with the Whole. It is to this Great Adventure that American engineering should be dedicated. It is this great vision of the future which makes us proud we are engineers. It is to the largest possible fulfillment of this inspiring task that we dedicate our lives.

## "SAUERKRAUT AND KINKS"

*"The time has come, the walrus said,  
To talk of many things,  
Of shoes—and ships—and sealing wax—  
Of cabbages and kings."*

Weatherford, Texas, February 15, 1921.

Dear Okeson:

I have been reading the issues of the ALUMNI BULLETIN with much interest lately, and have been corrugating my brow considerably over the problems that are serving as a stimulus to your and the alumni-at-large's gray matter.

I am thoroughly in accord with you on the point that Lehigh's future—both athletic and scholastic—in this day of keen competition and specialization, depends in great extent on the matter of scientific advertising and propaganda work.

Other universities and colleges have entered this field actively and aggressively, are getting the men that should come to Lehigh, and are going to encroach more and more upon our preserves unless we display some of the initiative and resourcefulness that is in us as well as in the graduates of other universities, and fight fire with fire, going the competitors one better.

This matter of advertising, if done at all, should be done properly, on a businesslike basis. Haphazard, spasmodic efforts are only a useless expense. There should be some organization at Lehigh specifically charged with this work, with sufficient backing, both moral and financial, responsible for seeing that Lehigh is brought effectively and scientifically before the public as THE college for the embryo engineer and business man.

The Alumni Association already has sufficient work of its own, and therefore isn't the organization to attend to this important work. There should be a separate body for attending to this publicity and propaganda work. We have none such at the present time.

My suggestion is that the Alumni Association, under your and Ray Walters' active management, organize the Lehigh University Chamber of Commerce, on identically the same lines as any civic body of that kind, with student and graduate membership, regular dues, and as its object having the aggressive advertising of Lehigh University, in particular, and the promotion of any needed improvement of the equipment or resources of the University in general.

Besides the advantage that would accrue to the University through such efficient publicity work, an organization of this kind would fill a long felt need. Modern business is too prone to think that the average college graduate has lived in a world apart during his stay in college, and that before he is really equipped to enter the business world on a sound basis, he must go through an apprenticeship, as the cub reporter does in the newspaper game.

Active membership in a live College Chamber of Commerce, with a share in its management can do wonders to give the undergraduate a speaking knowledge with the business world. Such a body will bring successful business men to address its members on modern business topics and by its successful operation will be the best possible advertising agency for bringing to the attention of firms in the market for graduate personnel students that have been instrumental in accomplishing results through the Student Chamber.

An efficient organization of this kind, properly officered, would be invaluable, both to the University and to its membership. Its field of activity is broad. Practical advertising; training in public speaking; management of musical club concerts; promotion of college social events; securing of prospective undergraduate material for college and for athletic teams; liaison between college and business world; and many other kinds of experience that help greatly in giving a man the all-around, liberal training that he needs in the modern world.

This is just my suggestion of a solution for the problem before us—but I think it is a good one. Spend a sleepless night over it yourself, and then tell me whether you agree with me. If it does nothing else, it may serve as a stimulant for other suggestions on the part of Lehigh's hundreds of other graduates that are interested in the progress and development of our common Alma Mater.

CHARLES H. COPE, '16.

Walter R. Okeson, Executive Secretary,  
Alumni Association, Lehigh University,  
Drown Hall, Bethlehem, Pa.

Dear Okeye:

On the general subject of whether an educator or business man is needed for Lehigh's President, I have gathered the following ideas in my talks with various Alumni.

(1) It has been suggested that one of the President's primary "duties" is to be a source of inspiration to both faculty and students, and probably this can be found in an educator rather than in a business man, who while he may be magnetic, has necessarily lost much of his idealism from rubbing against the rough edges of business life.

(2) A college is somewhat known by the man who is at the head of same, and some have felt that the development of a post-graduate course would do very much to increase Lehigh's standing in the country, and that it should be brought about in the near future, and that men from other colleges would come for a year of such course if the college had the weight of a strong educational man at the head of it, and as the men who take P. G. courses are those who aim to make their mark in the world it would be well for Lehigh's future to develop this idea, and of course, it would also attract the best of our own men, some of whom now go elsewhere.

(3) As I said in my former letter, it is entirely improbable that we could get as strong an educator for Lehigh by offering him the position of Dean as we would to place him at the head as President.

All the above is on the basis that Lehigh has great need at the present time along educational lines, which seems to be the general opinion of many men apparently obtained from various sources, and also the financial needs of the University are apparently not in such condition that it is imperatively necessary to have a strong business man and money-getter at the head of the college in spite of all other needs.

It might be of interest to note that I have asked three or four rather prominent men of this City and who are interested in colleges by being Trustees or in close touch some other way, as to their opinion of the type of man that Lehigh needed, and after I had said "No" to the question as to whether she had very pressing financial necessities (which I have been told is not the case), they all said "Educator by all means," and along this line I offer the following suggestions.

a.—To ask the Presidents of a few technical colleges their view as to which of the two types of men they would advise, all things considered.

b.—It might also throw some light to ask one Alumnus in each of the larger cities to sound a few of the older Alumni on this question, particularly those who have been more or less in touch with Lehigh in the past.

c.—It might be well to get the opinion of the Presidents of some of the larger manufacturing concerns which use technical college men, as to their views, based on their experience.

Yours very truly,

"EIGHTY-NINE."

## COLLEGE AND ALUMNI NEWS

### WRESTLING

In many ways this has been one of our most successful seasons. Not so much in victories won as in the interest displayed by the student body and in the number of men taking part in the sport. The weekly trials have been hotly contested and every Saturday has found new names on the list of our contestants. It is doubtful if Billy Sheridan has ever developed so much new material in a single season. This is as it should be. The function of a coach is to teach the students the technique of a sport and develop green men so that each year there is a nucleus of experienced athletes for the teams. This nucleus should be the result of our own efforts in teaching and developing our own men and not the result of inducing experienced men to come to Lehigh. Our whole athletic system will be a failure if we allow ourselves to be diverted by the thought that victory is the only end we have in view. We want victory and we must constantly strive to achieve it, but it is tasteless and valueless unless it comes as a result of our own efforts and methods. And when victory comes in wrestling we are mighty proud of it because practically everything our wrestlers know of the art is learned here at Lehigh.

Since our last issue Lehigh has wrestled in three matches, winning from Springfield, 16 to 13; losing to Brown, 17 to 7, and winning from U. of P., 19 to 8. The defeat by Brown was rather unexpected and damped our spirits considerably. When on the following Saturday we met Penn we did not feel very hopeful. Their team this year is among the best and they had defeated Cornell and Brown, two teams which won from us. In addition our Captain and star, Bertolet, was sick and Loeser, our best man in the 158-pound class, on the injured list. But in spite of these handicaps Lehigh came through magnificently, winning by a decisive score. In ten years of wrestling Penn has never won from Lehigh. They once succeeded in tying us in the days when they had on their team the famous Greek wrestler, "Mike" Dorizas. This year they fully expected to break their long string of defeats. But they met a determination stronger than their own and Lehigh's traditional "We never lose to Penn" was sustained.

### SCHEDULE

	Opp.	L. U.
Jan. 22—West Virginia	8	21
Feb. 5—*Columbia	15	16
Feb. 12—*Penn State	28	3
Feb. 19—*Cornell	16	13
Feb. 26—Springfield	13	16
Mar. 5—Brown	17	7
Mar. 12—U. of P.	8	19
Mar. 18-19—Intercollegiates at Princeton.		

\* Meets away from home.

Captain—J. L. Bertolet, '21.  
Manager—P. F. Walker, '21.  
Coach—Billy Sheridan.

Just as we go to press we hear the results of the Intercollegiates. Penn State won easily, as was expected, with Cornell second, Princeton third, Yale fourth, Lehigh and U. of P. tied for fifth, and Columbia in sixth place.

It is with pleasure we announce that Lehigh was awarded the tournament for next year.

### BASKETBALL

To be quite frank, we are disappointed in our basketball season. The material seemed above the average but the results were poor. Not only did we lose eight out of fourteen games, but, to make a bad matter worse, we dropped both of the Lafayette games. To be sure the scores were close and in each game the floor work of the Lehigh team was better than that of Lafayette, but that only makes the defeats harder to bear. In the final game Lehigh led from the start and were never headed and at times it even looked as though we would make a runaway match of it. But towards the finish it suddenly seemed to become impossible for Lehigh to cage the ball. Shot after shot went wrong. We had the ball most of the time and simply deluged the basket with tries, but always they hit the rim and bounded or rolled off. On the other hand, Lafayette only got two tries during the last ten minutes and although both of them were hard shots they both dropped in. The game ended with the score tied. In the extra period we scored on a foul. Then with only a minute to play Lafayette took a chance on a long shot from the middle of the floor, the ball dropped in and we were beaten by one point.

Lingle was the high scorer of the season and promises to develop into a real star. Lees at center was second in the scoring record and Captain Donovan, although he only played a few games, was third. Lingle and Lees are Sophomores as also are Springstein and Harper at guard, so we have a fine nucleus for next year's team.

### SCHEDULE

	Opp.	L. U.
Dec. 11—Moravian College	18	34
Dec. 17—*Catholic University	29	28
Dec. 18—*Navy	28	14
Jan. 5—Muhlenberg	25	35
Jan. 8—*Cornell	24	13
Jan. 15—*Lafayette	18	15
Jan. 19—*Army	33	14
Jan. 22—Rutgers	27	31
Feb. 5—*U. of P.	19	10
Feb. 12—Crescents (cancelled)		
Feb. 16—Seton Hall	21	37
Feb. 19—Johns Hopkins	14	36
Feb. 26—Swarthmore	17	11
Mar. 2—Lafayette	15	14
Mar. 5—Princeton (Nassau team)	20	24

\* Games away from home.

Captain—W. M. Donovan, '21.  
Manager—R. A. Childs, '21.  
Coach—Jimmy Murphy.

### SWIMMING

We were more than pleased with the showing of this new sport. Especially so when our team took second place in the Middle-States Intercollegiates held at Rutgers on Saturday, March 5. Our record during the season only showed one victory so we expected very little from the team in the big wind-up of the season. But Jimmy Mahoney's careful training was evidenced by the fact that we won a place in every event except the hundred yard swim, where first, second and third were all won by Rutgers. Of course it was a foregone conclusion that Rutgers would win the Intercollegiates and our only chance was for second place. Therefore we feel that in winning this position we made a successful finish and are looking forward to much better things next year.

#### SCHEDULE

	Opp.	L. U.
Jan. 15—*Rutgers	33	20
Jan. 22—*Army	39	14
Feb. 5—*Stevens	16	37
Feb. 12—Amherst	41	12
Feb. 19—Johns Hopkins	36	34
Mar. 5—*Intercollegiates at New Brunswick	.....	2nd place

\* Meets away from home.

Captain—M. K. Jacobs, '22.  
Manager—J. R. Farrington, '21.  
Coach—Jimmy Mahoney.

### SPRING SCHEDULES

#### Baseball

Saturday, April 2.....University of Vermont  
Wednesday, April 6.....Villanova  
Saturday, April 9.....Lebanon Valley  
Wednesday, April 13.....Bethlehem Steel  
Saturday, April 16.....Williams & Mary College  
Wednesday, April 20.....Ursinus

#### NORTHERN TRIP

Saturday, April 23.....Army\*  
Monday, April 25.....Vermont\*  
Tuesday, April 26.....Boston College\*  
Wednesday, April 27.....Holy Cross\*  
Wednesday, May 4.....Carnegie Tech  
Saturday, May 7.....Lafayette  
Wednesday, May 11.....Bethlehem Steel  
Saturday, May 14.....Penn State  
Wednesday, May 18.....Seton Hall  
Saturday, May 21.....Lafayette\*  
Wednesday, May 25.....N. Y. University  
Saturday, May 28.....Lafayette  
Saturday, June 4.....University of Maryland  
Saturday, June 11.....Rutgers

\* Games away from home.

Manager—F. W. Rheinfrank.  
Asst. Manager—G. C. O'Keefe.  
Captain—G. S. Savaria.  
Coach—J. T. Keady.

#### Lacrosse

Saturday, April 2.....N. Y. Lacrosse Club  
Saturday, April 9.....St. John's College  
Saturday, April 16.....Stevens  
Saturday, April 23.....Crescent A. C.\*  
Saturday, May 7.....Swarthmore\*  
Saturday, May 14.....Rutgers  
Saturday, May 21.....Univ. of Pennsylvania  
Saturday, May 28.....Johns Hopkins

\* Games away from home.

Manager—Geo. Lawton Childs.  
Asst. Manager—L. L. Drew.  
Captain—C. P. Maurer.  
Coach—J. T. O'Neill.

### Track

Saturday, April 16.....Inter-Class  
Saturday, April 23.....Muhlenberg (pending)  
Saturday, April 30.....Penn Relays\*  
Saturday, May 7.....Rutgers  
Saturday, May 14.....Intercollegiate\*  
Saturday, May 21.....Lafayette  
Saturday, May 28.....N. Y. University

\* Meets away from home.

Manager—A. J. Barthold.  
Asst. Manager—R. C. Zantzinger.  
Captain—H. G. Locke.  
Coach—M. Kanaly.

### Tennis

Saturday, April 16.....Moravian  
Friday, April 22.....Univ. of Pennsylvania  
Saturday, April 23.....(Open)  
Saturday, April 30.....Rutgers  
Saturday, May 7.....Swarthmore  
Friday, May 13.....George Washington (pending)  
Saturday, May 14.....Navy\*  
Wednesday, May 18.....Penn State  
Saturday, May 21.....Lafayette\*  
Wednesday, May 25.....Lafayette

\* Meets away from home.

### FRESHMAN BASKETBALL

Hats off to the Freshmen! They did what the Varsity could not do—beat Lafayette. After a very successful season in which they won from a number of prep school teams, they met Lafayette on the night of March 2 and defeated them by a score of 30 to 18.

### INTERFRATERNITY ATHLETICS

The fraternities are leading the way towards that goal which we hope to reach some day when every man in college will be an active participant in at least one branch of competitive athletics. Under the direction of the Interfraternity Council they have just completed a highly successful bowling tournament which has run through the winter. On Monday, March 14, they started a basketball tournament which will run until April 20. With 21 teams entered, this means that several hundred men will be actively engaged in playing basketball. What we need is more of such contests. The classes, the courses and the dormitory sections should all have teams in the various branches of sport. This of course would require additional playing fields and it is hard to know where we could get them except by the expensive process of digging them out of the side of the mountain. However, get them we must in some way and—get them we will!

### JUNIOR ORATORICAL CONTEST

The annual contest in Oratory, for which the Alumni Association offers three prizes of twenty-five, fifteen and ten dollars, was held on Washington's Birthday, at 10:30 a.m., in Packer Memorial Chapel. Adolph T. Prigozny, speaking on "The Foreign-Born Menace to the United States," won first prize; Arthur Rhea Little, whose subject was, "The Mind of Man," won second prize, and the third prize went to Charles Russell Wolfe, who spoke on "The American Merchant

Marine." The University added a fourth prize of five dollars, which was won by Walter Louis Shearer, whose subject was, "Efficiency in Industrial and Private Life."

## ROOSEVELT BAS-RELIEF FOR LIBRARY

Ten members of the teaching and executive staff of Lehigh University have given to the University Library a bas-relief of Theodore Roosevelt, by James Earle Fraser, recently produced by the Decorative Arts League of New York. The bas-relief is 10 by 13 inches, cast in solid medallion. It shows the head and bust of Roosevelt as portrayed by Fraser, who was selected on the advice of St. Gaudens to go to the White House while Roosevelt was president and model him from life. It is a work of power and appeal. The bas-relief is hung on an alcove partition at the main desk of the Library.

## STUDENT MEETING OF A. S. OF M. E.

On April 1, 1921, the American Society of Mechanical Engineers holds its Annual Joint Meeting of Student Branches in the Engineering Societies Building at 29 W. 39th Street, New York City. Prof. Larkin and Prof. de Schweinitz will chaperon the Senior M.E.'s in attending this meeting. One of the speakers will be W. S. Murray, '95, who will speak on the "Super Power Zone."

## PUBLICITY

Does your local paper publish news of Lehigh? Do you ever stir up the sporting editor? Here is a list of the papers which receive weekly letters from us. The ones that are starred we also try to interest in telegraphic accounts of our games. We are doing our part at considerable expenditure of time, money and effort, but unless the local alumni help we cannot hope to get good results. Let your local papers know that you want the news of Lehigh and they will print it. They get it every week and it don't cost them a cent, but until they feel a demand from their readers it is more apt to find its way into the scrap-basket than to appear in their columns.

The Maryland Lehigh Club took this up at their last meeting and determined to make it clear to the Baltimore papers that the two hundred Lehigh men in that district deserved some attention. A similar movement on the part of the other clubs is suggested.

**Bridgeport, Conn.**  
Post (Evening)  
Times (Evening)

**Hartford, Conn.**  
Courant (Morning)  
Times (Evening)

**Washington, D.C.**  
\*Post  
\*Star  
\*Times

**Chicago, Ill.**  
American Tribune  
Herald and Examiner  
News

**Baltimore, Md.**  
\*Sun \*American  
\*News

**Boston, Mass.**  
American \*Herald  
Globe \*Post

<b>Springfield, Mass.</b> *Republican	<b>Easton, Pa.</b> Express (Evening) Free Press (Evening) -
<b>Minneapolis, Minn.</b> Tribune (Morning and Evening)	<b>Harrisburg, Pa.</b> News (Evening) Patriot (Morning) Evening Telegraph
<b>Detroit, Mich.</b> Free-Press (Morning) Journal (Evening)	<b>Hazleton, Pa.</b> Standard-Sentinel Plain-Speaker
<b>St. Louis, Mo.</b> Globe-Democrat (Morning) Post-Dispatch (Evening)	<b>Johnstown, Pa.</b> Evening Tribune
<b>Newark, N. J.</b> Evening News Star-Eagle *Sunday Call	<b>Lancaster, Pa.</b> Evening Examiner
<b>Trenton, N. J.</b> Times (Evening)	<b>Lebanon, Pa.</b> News (Evening) Report (Evening)
<b>Buffalo, N. Y.</b> Courier (Morning) News (Evening) Times (Evening)	<b>Philadelphia, Pa.</b> *Record *Ledger *North American *Press *Inquirer
<b>New York, N. Y.</b> *Times *World *Sun-Herald *Tribune *American	<b>Pittsburgh, Pa.</b> *Dispatch *Gazette-Times *Leader *Post *Press
<b>Schenectady, N. Y.</b> Gazette (Morning) Union-Star (Evening)	<b>Pottsville, Pa.</b> Chronicle (Evening) Journal (Evening)
<b>Cincinnati, O.</b> Post (Evening) Times-Star (Evening) Enquirer (Morning)	<b>Reading, Pa.</b> Eagle (Evening) Telegram (Evening)
<b>Cleveland, O.</b> News (Evening) Plain-Dealer (Morning) News-Leader (Sunday)	<b>Scranton, Pa.</b> Republican (Morning) Times (Evening) Scrantonian (Sunday)
<b>Toledo, O.</b> Blade (Evening) New-Bee (Morning) Times (Morning)	<b>Wilkes-Barre, Pa.</b> News (Evening) Record (Morning) Times-Leader (Evening)
<b>Allentown, Pa.</b> Morning Call Item (Evening) Chronicle (Evening)	<b>Williamsport, Pa.</b> Sun (Evening)
<b>Altoona, Pa.</b> Mirror (Evening) Times (Morning)	<b>York, Pa.</b> Dispatch (Evening)
<b>Bethlehem, Pa.</b> Bethlehem Globe Bethlehem Times	<b>Chattanooga, Tenn.</b> News (Evening) Times (Morning)
	<b>Norfolk, Va.</b> Ledger-Dispatch (Evening) Virginian Pilot (Morning)

## LEHIGH "WIFE" IN THE LIMELIGHT

The Newspaper Feature Service recently published in newspapers it supplies a full page article entitled, "The Art Sensation that Began at an Ironing Board." The article tells how Cora Scovil, artist, originated and developed her idea of the "patch poster" which is now in vogue in New York. Mrs. Scovil made her first "patch poster" of Grant Mitchell, the actor, out of muslin and rags, when her paint and brushes were not at hand. At Mr. Mitchell's suggestion she patented the process which has created great interest. Mrs. Scovil is the wife of Col. H. H. Scovil, of Pittsburgh, an alumnus of Lehigh in the class of 1900, an honorary alumni trustee of the University and former president of the Alumni Association.

## THE SUPERPOWER SURVEY

### Murray, '95, Gives Two Interesting Addresses at Lehigh

William S. Murray, E.E., '95, of New York, the eminent consulting electrical engineer, came back to his Alma Mater, Lehigh University, and in addresses Thursday evening, March 10, and Friday morning, March 11, outlined for the students and faculty the scope of the superpower electric system toward which Congress recently made a large preliminary appropriation. Murray, who is the originator of this project which is regarded as one of the great engineering and economic enterprises of this generation, is Chairman of the Superpower Survey of the U. S. Geological Survey, Department of the Interior. This survey covers the Eastern Seaboard from Boston to Washington and runs westward to the Alleghenies.

Murray's talk of March 10 was before the student Electrical Engineering Society of the University, at a meeting in Drown Memorial Hall. There was an attendance of about three hundred, including members of the Lehigh Valley Section of the American Institute of Electrical Engineers, which organized following a dinner at the Kurtz Restaurant earlier in the evening. Murray's presentation covered the technical aspects of the superpower system. Questions were asked by the students. Murray said later that this discussion was the most constructive and interesting he has ever had at any gathering relating to this subject.

A more popular outline of the superpower project was given by Murray at a college lecture in Packer Memorial Church at 11 o'clock Friday morning, when a number of townspeople were in attendance in addition to the student body and teaching staff. He opened with references to his own college days at Lehigh as a member of the class of 1895, including much that was humorous and full of human interest. He stated briefly the purpose of the superpower system. It has for its objective the conservation of the nation's resources, both financial and material, through the unionizing of all of the major water powers that may be developed on the larger rivers, including the Delaware and Susquehanna in the eastern territory, with high powered steam electric stations to be erected at tidewater, these two in turn being supplemented by the power to be produced at the mouths of mines. A great reservoir of power will thus be formed from which can be supplied jointly the power necessary to the heavy density railroads and the industries of this territory.

Murray made it apparent that "if we continue to develop power in unassociated relation,—that is by individual groups—that the territory will continue to suffer from the extremely low load factor now

in existence, load factor being the ratio of the average amount of power to the maximum. Under the conditions of low load factor it is apparent that a very great and unnecessary capacity in power stations is required and with it the burning of an excessive amount of coal. The superpower system in its plan of unionization will lift this load factor practically threefold and thuswise conserve both capacity and coal."

## LEHIGH MEN WHO WRITE

Dodd, Mead & Co. of New York, have just published a book entitled, "Psychology of Thought and Feeling," by Dr. Charles Platt, B.S. (in Chem.), '90, Ph.D., M.D. The book treats of habit, thought, memory, the emotions, the mind cure, the unconscious mind with all its relations, as viewed psychologically; and with these there is, too, a study of the abnormal, both as exhibited in the individual, in mental ills and also in the socially inadequate, the criminal and the delinquent.

A close correspondence between good scholarship in college and eminence in engineering is shown in an investigation made under the auspices of the American Association of Collegiate Registrars by Raymond Walters, B.A., '07; M.A., '13; Secretary of the Association, who presents a report in the current issue of "School and Society."

It was found that, of 392 distinguished engineers graduated at 75 technical schools, colleges and universities, 182 or 46.4 per cent. stood in the highest fifth of their classes scholastically upon graduation, 109 or 27.8 per cent. stood in the second highest fifth, 72 or 18.3 per cent. in the middle fifth, 14 or 3.6 per cent. in the next to the lowest fifth, and 15 or 3.8 per cent. in the lowest fifth.

In the Journal of the United States Artillery of September, 1919, is an article by Major Harrison Tilghman (C.E., '07), of the Coast Artillery. The article is entitled, "The Coast Artillery and the Reserve Officers' Training Corps." It is of interest to note that in the same issue is an article about Railway Artillery Reserve, A. E. F. With this organization there served in France: Major Paul H. Herman, '06; Major John D. Rowe, '07; Major Harrison Tilghman, '07; Major de Courcy Browne, '07; also Colonel Godwin Ordway, '94, who commanded the 75th Artillery, joined this same command in October, 1918.

Chester A. Gauss, E.E., '12, is the author of the course in Sales and Advertising Technique and Control, now being published by the American Correspondence School. Gauss is an advertising counsellor, with offices at 20 Clinton Street, Newark, N. J.

## NEWS OF THE LOCAL ALUMNI CLUBS

### DETROIT LEHIGH CLUB

You see, it was this way: Way over in Tours, France, in the fall of 1918, there were two Lehigh dinners. R. M. Neff, '14, attended them both. Then the war being over he went to live in Detroit and although there were fifty Lehigh men in the vicinity, nary a Lehigh dinner did he find. So he wrote to the Alumni Secretary and inquired who was Secretary of the Detroit Lehigh Club. And the Alumni Secretary wrote back and said, "You are." Neff was surprised at his sudden election but he was game. He went to work and on February 23, 1921, the Detroit Lehigh Club assembled in the Fort Shelby Hotel for the first time since "befoh de wah."

They were a jolly bunch. They did not know each other any too well but G. K. Reel, '07, proposed that any man who called another "Mister" should be fined a quarter. The treasury of the Club benefited greatly by this rule. To the great enjoyment of the bunch, Reel got caught four times during the evening and was stung for a dollar.

The meeting was called to order by John Hegeman, '02, President of the Club. Before we got through the soup course Reel had been elected President and Neff, Secretary-Treasurer. In the intervals during which the little waitress from the Lehigh Valley was not in the room Reel made a good presiding officer. That waitress—well, she certainly cashed in on her knowledge of the geography of Eastern Pennsylvania. I reckon no one at the Fort Shelby ever before carried such a bunch of silver out of a dining room as she did that night. Her cleverest touch was that she never mentioned Easton.

Reel pulled a great stunt when he proposed that each diner should tell the most amusing experience of his college days. It brought out some great stories. Starting with C. H. Stevenson, '90, and "Billy" Blunt, '92, we came down through thirty years to the recent graduates. By the time we were through we had a "back-stairs" history of Lehigh.

The only speech of the evening was by Okey, who told of the Presidential situation, the work now being done by the Faculty Committees and spoke particularly of the new ideas now being discussed for the improvement of Lehigh athletics. Following his speech he was deluged by questions. Everyone took part in the discussion and they all had such a good time that another meeting was decided on, to take place early in April.

### LEHIGH CLUB OF NORTHERN OHIO

Wandering far afield, Edmund Quincy, '13, former Treasurer of the New York

Lehigh Club, landed in Cleveland. He found Cleveland a great city in all respects except that their Lehigh Club had apparently forgotten how to hold meetings. So the Alumni Secretary wrote him a letter telling him to get up a meeting for the night following the Detroit dinner described above. At the end of this letter it was casually mentioned that a copy of it was being sent to every Lehigh man in Northern Ohio. That was a pretty rotten trick to play on Quincy, but it never "fazed" him. Back came his letter: "We're all set. The dinner will be held at 6.00 p.m., Thursday evening, February 24, at the Old Colony Club. What time is your train due in Cleveland?"

Well, we had a peach of a dinner. Lots of men from out-of-town points. Schmidt, '07; "Bill" Bailey, '14, and Collins, '17, came all the way from Canton. We missed some of the old stand-bys, such as Rice, '76; Bourke, '81; Cobb and Coleman, '92, who were all out of town. In the absence of Rice and Cobb, the President and Secretary of the Club, the meeting was called to order by the Alumni Secretary and the following officers were elected:

President, B. M. Kent, '04.

Vice-President, W. F. Bailey, '14.

Secretary-Treasurer, Edmund Quincy, '13.

After a speech by Okey, the meeting resolved itself into a committee on the whole to consider how best to advertise Lehigh in that section. It was resolved that more boys from Northern Ohio should know of Lehigh and its advantages so that the ones seeking an engineering education would choose our college. It was especially determined that the boys with athletic ability or qualifications for leadership should be made acquainted with the manifold advantages of our Alma Mater. It was determined that the character and scholastic ability of such boys be especially looked into with a view to striving only for such boys as can meet the stringent scholastic requirements of Lehigh and whose record in college and after graduation would do credit to the honored title of "Lehigh Man." A strong committee was appointed with M. H. Schmid, '07, as chairman. The other members of this committee are W. F. Bailey, '14; C. D. Kester, '12, and H. R. Shellenberger, '14.

Another meeting is planned for the Club and will probably be held early in April.

### MARYLAND LEHIGH CLUB

Three in a row—Detroit, Wednesday night, Cleveland, Thursday night, and Baltimore, Friday night, February 25—and not one of these clubs had had a meeting for years. It certainly was an

encouraging week, although a little strenuous for the Alumni Secretary.

This meeting was held at a hotel which I think was called "The Joyce." Well, never mind the name. There was enough noise and racket and Lehigh spirit to make you think it was Charley Rennig's in the old days. There was a big gang out and in the unavoidable absence of the President, W. F. Roberts, '02, the meeting was presided over by Thompson King, '08, and "Pat" Riley. Of course the stage managers, F. F. Lines, '02, and J. S. Rowen, '10, kept in the background after things were started. But they were in evidence when it came to collecting the price of the dinner.

The meeting elected the following officers:

President, W. F. Roberts, '02.

Vice-President, Thompson King, '08.

Secretary-Treasurer, W. F. Perkins, '13.

In addition the following were elected as members of the Executive Committee: W. D. Janney, '83, and C. D. Benson, '93.

The first thing on the program was a talk by a very clever professional humorist by the name of Temple, who told some side-splitting stories and recited some clever dialect poems. Then came speeches by Walter Okeson and "Bosey" Reiter, in which the athletic situation at Lehigh was outlined. It was made clear that Lehigh wanted no professional or tramp athletes, but she would like to have clean-cut youngsters from the preparatory schools. Boys of good character and scholarship who could also carry their part of the load in the athletic and other undergraduate activities. A discussion followed in which Rowen, Perkins and George Hoban, '15, took a prominent part. The question of greater publicity for Lehigh in the Baltimore papers was raised and it was decided that a concerted effort be made to secure this publicity. A committee was created consisting of Roberts, Perkins, Rowen, Hoban and George Dornin, '96, who are to conduct the campaign to make Lehigh better and more favorably known among the Maryland Preparatory and High Schools.

#### PHILADELPHIA LEHIGH CLUB

The regular monthly meeting of this Club was held on March 18, at 8.15 p.m., at the University Club. The subject of discourse was the "Trend of Naval Air Development," which discussion was led by Commander H. C. Richardson, Chief Engineer, Naval Air Craft Factory, Navy Yard, Philadelphia, Pa.

#### LEHIGH CLUB OF WESTERN NEW YORK

We go to press too early to permit a report of the Lehigh dinner planned by this Club for Friday, March 25, at the Ellicott Club, in Buffalo. A full account will be given in our next issue.

#### PITTSBURGH LEHIGH CLUB

The spring meeting and dinner of this Club will take place on April 2, at the University Club.

#### LEHIGH CLUB OF CENTRAL PENNSYLVANIA

A big dinner is planned for Saturday evening, April 9, to take place at the Penn-Harris Hotel in Harrisburg, Pa.

#### NEW YORK LEHIGH CLUB

The next dinner of this Club will be at Stewart's, 28 Park Place, at 6.30 p.m., on April 8.

#### MARRIAGES

##### Class of 1920

On February 26, 1921, Mr. Peter C. Cameron to Miss Dorothy Smith, of Windber, Pa.

##### Class of 1921

On March 19, 1921, Mr. Harold C. Rockett to Miss Marguerite Whitlock, of New York City.

#### BIRTHS

##### Class of 1910 and 1887

A son, Mason Pratt Pearsall, to Mr. and Mrs. Chester B. Pearsall, on March 9, 1921. The newcomer is a grandson of Mason D. Pratt, '87.

##### Class of 1917

A son, to Mr. and Mrs. Joseph A. Fisher, Jr., on March 17, 1921.

#### DEATHS

##### Class of 1887

On March 23, 1921, Dr. Alfred Doolittle, B.A., '87, died of a sudden attack of pneumonia. His death occurred at Garfield Hospital, Washington, D. C. Dr. Doolittle was a son of former Prof. Charles L. Doolittle, who for many years occupied the chair of mathematics and astronomy at Lehigh. Before his death Dr. Doolittle was instructor in astronomy at Catholic University, Washington, D. C., where he had served continuously since 1898. For the past several years he had charge of the observatory at Catholic University.

#### PERSONALS

Of the thirty-eight classes who undertook to raise a BULLETIN guarantee fund, twenty-seven have completed their work and in the majority of the other cases only a small amount is still to be raised. That part of the job is practically finished. The part that remains is to stir up the delinquent members of these classes to pay their individual BULLETIN subscriptions so that the money put up by the class may revert to the class treasury.

It is our intention to send out later to each class a list of the delinquent members. In fact this has already been done in some cases at the request of certain of the classes. Meanwhile the various classes are preparing, with the help of the Alumni Secretary, "Official" class lists on the basis of which all class competitions will be settled.

Note that the name and address of the

man in charge of the guarantee fund is printed for each class and where the fund has been fully paid the class is printed in caps.

### CLASS OF 1879

#### James S. Cunningham, Charleston, W. Va.

Well, are you fellows going to let Tucker and Cunningham pull the whole load? Just because you are not Freshmen is that any reason you should lose interest in your Alma Mater? The nearer you get to heaven the closer you should be to Lehigh.

### CLASS OF 1883

#### A. E. Forstall, 15 Park Row, New York City.

Winners of the Reunion Cup and the first winners of the Active Membership Cup. Are you going to realize Porterfield's dream to be the first class with a 100 percent Active Membership?

### CLASS OF 1884

#### A. Parker-Smith, 61 Broadway, New York City.

The last really small class to enter Lehigh. You didn't let your size stop you in the old days. Surely you've got another good fight for Lehigh in you.

### CLASS OF 1885

#### G. W. Snyder, Annex No. 3, Broad Street Station, Philadelphia, Pa.

If that accomplished letter writer mentioned above can't move you fellows who are still over the fence, it's no use for a sub-freshman like me to try. But, Gee! You fellows are missing a lot of fun. Come on in. The water's fine!

### CLASS OF 1886

#### THIRTY-FIFTH REUNION, JUNE 11, 1921.

#### Dr. Harry Toulmin, Haverford, Pa.

How about a table at the Alumni Dinner to Drinker and the Class of '71, on Friday night, June 10? All we want to know is how many to provide for. If you have six or more you can have a separate table.

J. E. Culliney, '13, sends in some additional facts about William H. Sayre, whose untimely death was recorded in the February issue:

"Beginning his practical experience in railroad building in the Northwest, in which he became associated with John B. McDonald, Mr. Sayre later became well known as President of the International Contracting Co., executing many important dredging contracts in New York and other harbors and being called upon to act as a consulting engineer on the Cape Cod Canal.

"He was among the first to apply electric welding commercially, organizing the Federal and the Anthracite Electric Welding Companies. In the safety engineering field he was known for his development of the American Abrasive Metals Co., of which he was President until the time of his death.

"Mr. Sayre was a member of the American Society of Safety Engineers and was instrumental in its successful reorganization. He became a member of the American Society of Mechanical Engineers in 1911 and served on its Boiler Code Committee, in which he was especially interested."

Prof. Jos. W. Richards gave a talk, on February 17, before the Philadelphia Section of the Society of Steel Treaters, at the Engineer's Club. He spoke on "Fundamentals in the Metallurgy of Iron and Steel."

### CLASS OF 1887

#### F. S. Dravo, Diamond Bank Bldg., Pittsburgh, Pa.

As Chairman of the Building Committee for the Alumni Memorial Building, Frank Dravo is having a lot of work just at present and is going to have more. So I can't ask him to shake up

this class. But there sure are a bunch of good men who haven't shown any sign of interest yet.

John E. Hittell is District Engineer of The Asphalt Association, at 29 So. LaSalle Street, Chicago, Ill.

### CLASS OF 1888

#### Harlan S. Miner, 915 Monmouth Street, Gloucester, N. J.

Would some one please tell me why it is that we older fellows who did not have to pay any tuition are often harder to interest in Lehigh than the men who paid at least part of the cost of their education. This is one of the liveliest of our classes, chuck full of loyal Lehigh men, and yet it is like every one of our classes in that it contains graduates who show no interest in Lehigh or her future. I am sure the interest is there, deep down in their natures. What can we do to rouse it?

C. D. Marshall, President of the Alumni Association, is spending a few weeks in Bermuda.

### CLASS OF 1889

#### W. A. Cornelius, McKeesport, Pa.

A movement has been started to persuade Arch Johnston to serve another term as Mayor of Bethlehem. His record has been a wonderful one, not only in accomplishment but in his comprehensive plans for the future. Now we are all scared to death for fear we can't carry out these plans without Arch at the helm. Various organizations are passing resolutions begging him to accept the office for another four years.

### CLASS OF 1890

#### H. A. Foering, Bethlehem, Pa.

J. W. DeMoyer has moved from 7343 Washington Street to 430 Chambers Avenue, Camden, N. J.

### CLASS OF 1891

#### THIRTIETH REUNION, JUNE 11, 1921.

#### Walton Forstall, Broad and Arch Streets, Philadelphia, Pa.

Fourth call for the Reunion. Fourteen men are now sitting in for our little game and have a call on the Reunion profits without further contribution. Men are coming from as far away as Reading and from such nearby places as California. It is rumored that our classmates from that State, the Davis brothers, will journey via airplane, and as they are concrete manufacturers, will travel in a machine made of reinforced concrete. Here's hoping we all have a chance to get up in the air next June, for in this Sahara country, an airplane may have to serve for the old time elevators used at class reunions.

WALTON FORSTALL, Secretary.

### Class of 1892

#### C. O. Wood, Chambersburg, Pa.

Well, I reckon I will have to ask Wood to put up his niblick for an afternoon and write another letter to his class. Less than half the necessary amount for the guarantee fund is raised. Of course P. H. W. Smith said he would put up whatever balance was lacking but, great Scott!—a balance should not amount to sixty per cent. of the whole!

### Class of 1893

#### S. B. Knox, 29 Broadway, New York City

Ninety-three has done better than '92, but they still lack almost forty percent of the total required. It certainly is hard to teach an old dog new tricks. Just because a few fellows always have done the work for '93 the majority of the class seem to be willing to let those few continue to shoulder the load. Not that '93 has any monopoly on this practice. It's a common human failing that we're all addicted to.

Edwin C. Reynolds is Principal Examiner, Room 52, Patent Office, Washington, D. C.

**CLASS OF 1894****I. I. Beinhower, Rutland, Vt.**

Here's where I get down on my hands and knees, bump my head against the ground and humbly apologize. '94 got left out of the list of classes in the last BULLETIN. But say, if you fellows would only send me in some news this wouldn't happen.

I am mighty sorry to record that Charles H. Thompson has been in the U. P. J. Hospital in Baltimore, being treated for a severe case of rheumatism. It certainly don't seem right that "Tommy" should be penned up during this perfect baseball weather. Here's hoping he'll soon be well.

**CLASS OF 1895****Franklin Baker, Jr., N. E. Cor. 13th and Market Streets, Philadelphia, Pa.**

Frank Baker left for Panama on March 8 and will be away about a month.

David H. Lackey, who is an Electrical Contractor in Peoria, Ill., has moved his office from the Woehler Building to 424 Fulton Street.

Harry K. Seltzer has sold his interest in the Union Bridge and Construction Co. of Kansas City, Mo., of which company he was Vice-President and Chief Engineer. He has made a connection with the Foundation Co. of New York, N. Y. For the present he will remain in Kansas City at his old address of 838 W. 58th Street.

**CLASS OF 1896****TWENTY-FIFTH REUNION, JUNE 11, 1921.****S. M. Dessauer, Montrose, Pa.**

It's wonderful how well Bob and Sammy have them all trained. Every ninety-six man expects his "twenty-fifth" to out-class all attempts of previous classes. He don't worry his head about it a bit but goes on his way serenely, leaving everything to the class officers. "His not to question why." All he's got to do it to be on hand Friday afternoon, June 10, with a leave of absence from his wife to stay until Sunday, June 12.

Jack Dalman, who is Sales Agent for the American Steel Foundries, sends us a new office address of 1163 McCormick Bldg., Chicago, Ill.

**Class of 1897****Thaddeus Merriman, Essex Falls, N. J.**

By this time Thad is in the throes of his BULLETIN fund campaign. Get on the job, '97, and help him boost it to a quick finish. You are among the last to start but there is still a chance for you to beat ten others to the finish line if you put on enough steam.

Clifford G. Dunnells is head of the Dept. of Building Construction, Carnegie Inst. of Technology, Pittsburgh, Pa.

**Class of 1898****L. S. Horner, Acme Wire Co., New Haven, Conn.**

I want your attention for a minute, '98. As I told you in the last issue, I wrote your President a letter. Well, I have never received an answer. Now, as life is short and time is fleeting and as it is 12 o'clock at night and anyway I have no time to write another letter and likewise because "silence gives consent," I am going to ask the Class to confirm my appointment of Jack Horner as chairman of a Class Reunion Committee. I hate to act so blame "sassy" but '98 were Freshmen when I was a Senior. I helped to organize them when it was none of my business and now when it is my business to see they have a good organization I am going to try it again. I want to say right now to a whole lot of Lehigh classes that your present organization or rather lack of it is the weak link in our chain. If we are ever going to pull our load we must strengthen it.

**CLASS OF 1899****Arthur Klein, Bethlehem, Pa.**

Well, "Pop" has got his official class list in good shape and is now prepared to go after you fellows hard. Why don't you chaps get your name on that Active Membership Cup. You are a small class and if a few of you would pull off your coats and help "Pop" you could come pretty close to a 100 percent record.

By the way, we have had R. H. Moffitt marked as dead for some time. But "Pop" says he is very much alive. So we have removed the star from in front of his name and sent a return postal to his old address at 1705 N. Front Street, Harrisburg, Pa., in the hope of getting some up-to-date information for our records.

**CLASS OF 1900****George L. Robinson, 39 E. 38th Street, New York City.**

It certainly gives me great pleasure to put this class in caps. "Robby" sure worked hard on this and I appreciate deeply what he and all the other boys have done to put 1900 squarely on the map.

**CLASS OF 1901****TWENTIETH REUNION, JUNE 11, 1921.****Cadwallader Evans, Jr., Ithaca, N. Y.**

Well, Cad, that publicity agent of yours didn't come through this month. However, it is about time for the big boss, Slim Wilson, to return from California, and when he cracks the whip I reckon Sam will break out in a cold sweat and hastily write a volume for our next issue.

We have a letter from Yen Te Ching, who is now in Washington, staying at the Cairo Hotel. He says he is looking forward to seeing everybody in June.

T. M. Girdler is now General Manager, Wood-lawn Plant, Jones & Laughlin Co., Pittsburgh, Pa.

**CLASS OF 1902****R. M. Bird, Bethlehem, Pa.**

W. F. Roberts has been spending a short winter vacation in Florida.

Bob Bird ran a big Charity Dance last month in Bethlehem and raised almost \$3,000 to aid in relieving the suffering caused by the present period of unemployment.

**CLASS OF 1903****Dyer Smith, Woolworth Bldg., New York City**

James S. Warr is Safety Engineer with the Ocean Accident & Guarantee Co., of 54 John Street, New York City.

**CLASS OF 1904****R. P. Hutchinson, Bethlehem, Pa.**

Luther Becker was in the office the other day. He has decided not to return to Japan and is looking for a connection in the foreign sales department of some company doing an export business with the Orient.

W. C. MacFarlane, whose business is Investment Securities, 39 S. LaSalle Street, Chicago, is now living at 1140 Farwell Avenue that city.

**Class of 1905****J. D. Berg, Diamond Bank Bldg., Pittsburgh, Pa.**

Dan sent me a good sized installment on '05's guarantee fund some time ago. I haven't heard from him lately but this fund is probably about completed.

Frank H. Browning is at present in British Columbia. His forwarding address is 1303 E. 50th Street, Seattle, Wash.

W. T. Griffith, '02, writes that Dean R. Good's address is 210 Jones Bldg., Spokane, Wash.

M. H. Kuryla is now Consulting Metallurgical Engineer, Compania de Real del Monte y Pachuca, Pachuca, Hidalgo, Mexico.

H. L. Pentz is now living at 506 Avenue N, Bethlehem, Pa.

J. Shema, who is in the Dept. of Bridges and Buildings, P. R. R., in Pittsburgh, Pa., is now living at 147 Noble Avenue, Crafton, Pa.

### Class of 1906

FIFTEENTH REUNION, JUNE 11, 1921.

**E. T. Gott, Diamond Bank Bldg., Pittsburgh, Pa.**

On March 9, Gott, Gilmore and N. G. Smith held a Cabinet Meeting in Pittsburgh, at which plans for the Reunion were outlined and the class list cleaned up preparatory to guaranteeing the subscriptions of all "legitimate" 1906 men. Where they felt that a man's support of Lehigh, both as an undergraduate and an alumnus, was "scandalously rotten," they dropped him from their list. They propose to have a live class and their first step is to secure a real "working" class list. Another meeting is scheduled for the end of March and '06 can count on their officers going the limit in preparing for a big reunion.

### CLASS OF 1907

**Raymond Walters, Bethlehem, Pa.**

J. B. Carlock has left the Dravo Contracting Co., and is now Asst. Chief Engineer in charge of Construction with the Jones & Laughlin Co., Pittsburgh, Pa.

H. L. Conrad is now with Jos. T. Ryerson & Sons Co., Euclid Avenue and Grant Street, Detroit, Mich.

### CLASS OF 1908

**H. F. Bachman, Fuller Bldg., Philadelphia, Pa.**

It is fine to be able to put this Class in Caps. They had a big quota to raise and through Bachman's efforts it was accomplished. C. A. Baer

helped by agreeing that when the fund reached a certain point he would give the balance.

Charles B. Brickner, who is with the N. J. Zinc Co., at Franklin, N. J., read the pink slip on his last BULLETIN and being a fisherman this appeal landed him. He sent a check and writes: "I know how hard it is to land 'a foxy old trout; and as season opens next month thought I had better bite right away."

### CLASS OF 1909

**Parke B. Fraim, Lehigh University, Bethlehem, Pa.**

Here's a class with a real organization. They have a central executive committee in Bethlehem and a district member in every center in the country where '09 men are to be found. The district member sees his men personally in order to collect class dues, BULLETIN subscriptions, etc. This class is now thinking of collecting the Alumni dues of its members. Of course there will be the same class discount that there is in BULLETIN subscriptions.

W. A. Maeder is Metallurgist, Iron Foundry, Buick Motor Co., Flint, Mich., and is living at 712 Clifford Street, that City.

R. B. Schenck is Chlef Chemist with the Buick Motor Co., Flint, Mich.

T. M. Uptegraff, Vice-President and Treasurer of the Defiance Paper Co., and Niagara Wall Paper Co., of Niagara Falls, N. Y., has been elected Vice-President and Director of the Pittsburgh Wall Paper Co.

Paul S. Warriner is now Division Supt., L. V. Coal Co., 133 N. River Street, Wilkes-Barre, Pa.

### CLASS OF 1910

**H. M. Fry, 726 Ave. H, Bethlehem, Pa.**

Perhaps you wonder why you have not heard from your hustling Secretary lately. It is because he has been ill, and it will probably be some time before you get another letter from him. Now here is your chance to show your appreciation of his services. You know how near

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Gardens  
Inn**

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NEW YORK

CHICAGO YOUNGSTOWN DALLAS LOS ANGELES MONTREAL

to his heart is that \$1000 fund for the 15th Reunion. He is counting on so many men paying their BULLETIN subscriptions that a big return will be made to the class in the spring. Give him big, pleasant surprise by not only paying your subscription but by sending in a contribution to 10's guarantee fund. Let's raise a big fund between now and June and show Fry that you are all back of him. I want some volunteers to take up this work. Who will they be? Everybody's eligible.

O. B. Niesen is Eastern Explosive Sales Manager, Trojan Powder Co., Allentown, Pa.

S. E. Page writes that he has moved from Brooklyn to 137 Roseville Avenue, Newark, N. J.

### CLASS OF 1911

TENTH REUNION, JUNE 11, 1921.

**J. H. Dillon, Ingersoll-Rand Co., 11 Broadway, New York, City.**

If anyone wants to beat out this bunch for the Reunion Cup they will have to travel some. It begins to look like one of the biggest class reunions ever held.

C. J. Hellen is now with the Midvale Steel & Ordnance Co., Civil Engr's. Dept., Philadelphia, Pa. He is living at 15 Remington Avenue, Coatesville, Pa.

C. W. Hendricks is Asst. Outside Plant Engr., Michigan State Telephone Co., Detroit, Mich., and is living at 2689 Whitney Avenue, that city.

W. S. Herman is now with the Electric Specialties Co., 325 State Street, Detroit, Mich.

Harry Lou Miller is with the Clark E. Jacoby Engineering Co., Shukert Bldg., Kansas City, Mo.

Paul Gerhard, '03, writes that Robert S. Shackson's address is 195 Gibbs Street, Newton Centre, Mass.

Robert F. Wood, who is a Supervisor with the P. & R. Ry., is living at Mahonoy Plane, Pa.

### CLASS OF 1912

**George J. Shurts, 144 Kearney Avenue, Perth Amboy, N. J.**

Some businesslike class, this. "Kindly advise us of the amount of the guarantee fund required from our class and I will direct the treasurer to

send you a check." Just like that, and what's more, it was no bluff for back the check came by return mail.

C. A. Gauss, Advertising Counsellor, has moved his office from 50 Union Square, New York City to 20 Clinton Street, Newark, N. J.

R. J. Hauk is Supt., Devoe & Reynolds, Inc., Paints and Varnishes, 213 N. J. R. R. Avenue, Newark, N. J.

### Class of 1913

**E. F. Price, Danville, Pa.**

This class had its fund 85 percent complete on March 17. So by the time you read this they will probably have "holed out." It certainly did not take them long to get into "high" after they finally got started.

G. H. Lazarus, who is in the Storage and Trucking Business in Bethlehem, has moved his home to 317 Packer Avenue.

Edmund Quincy is Sales Engineer with the Dorr-Miller Differential Co., 2934 E. 55th Street, Cleveland, Ohio.

### Class of 1914

**Walter A. Schremppel, 1105 Delaware Avenue, Bethlehem, Pa.**

Schremppel sent me a bunch of checks a few days ago and also a copy of another letter he is sending out to line up the balance needed. What has made his job a long one is the fact that he made the whole proposition democratic, only asking for \$2 contributions instead of \$5 and \$10 which were the usual amounts called for by other classes. This made it easy for the members of '14 but a hard job for Schremppel.

John H. Diefenderfer is a student in the U. of P. Law School. His address is 233 Craig, U. of P. Law School, Philadelphia, Pa.

Charles E. Lawall, Jr., is an Instructor at Lehigh in the Geological Department.

George F. Wolfe has just undergone an operation in Evansville, Ind.

### Class of 1915

**H. M. Search, Weston Dodson Co., Bethlehem, Pa.**

"Casey" sent in the first installment of 1915's guarantee fund a short time ago and assured the balance would be forthcoming shortly. I am hoping that by the next issue every class will have their fund complete.

F. C. Brockman is now in the Radio Engineering Dept., General Electric Co., Schenectady, N. Y., and living at 81 Robinson Street, that city.

Percy Teeple writes that Search and I are justified in cutting out the deadwood in the class but he hopes we won't find "a bent twig, a broken branch or a rotten stick of deadwood in our Class of 1915, but that every bit of it is sound, workable timber, ready to be used for Lehigh." Here's a hearty echo to your wish, Percy.

### CLASS OF 1916

FIVE YEAR REUNION, JUNE 11, 1921.

**Donald T. Wynne, No. 1 Mill Street, Port Chester, N. Y.**

Now that 1916 has completed their fund Wynne is turning his whole attention to the Reunion. He has appointed a Reunion Committee with representatives in all districts. It is headed by H. D. Keiser, of New York City, and has as its representative for local arrangements, W. C. Hartman, of Bethlehem, Pa. Here is a letter from Keiser:

To 1916:

Wynne has asked me to do the stage manager act next June; not being endowed with this sort of talent, my first move was to shout for help from each one of you as voiced in the circular letter sent out March 15.

The Committee composed of Baush, Clement, Fair, W. C. Hartman, Lambert, Webb, and myself can forecast nothing other than a hundred and some proof Reunion if the replies to the circular continue to come in as they have to date. This doesn't mean, however, that there aren't quite

some of you from whom we haven't heard as yet; so if your written statement to be on hand hasn't been forwarded, mail it at once. After this duty has been done, do a little '16 research work and secure the promise/ of all of the Class in your vicinity to leave their claims for the big day next June. Forward the result of your efforts to the Committee and also any ideas you may have concerning the Reunion. The latter will be welcomed and receive prompt consideration, so fire at will.

As a matter of news: Baush, Bergstressor, Brewster, Buckner, H. S. Carlson, Clark, Clement, Fair, W. C. Hartman, Horine, Knox, Levin, Smith, Sugden, Webb, Wells, White and Wynne are among those who have stated that they will be on hand in June.

H. KEISER,  
27 Grace Court,  
Brooklyn, New York.

Stanley Heisler is now System Operator, Penna. Light & Power Co., Feely Bldg., Hazleton, Pa.

Clifford W. Shaw is now Asst. Examiner, Room 382, U. S. Patent Office, Washington, D. C.

#### CLASS OF 1917

**A. Bach, 143 W. 81st Street, New York City.**

As you will see from the above, "Ady" has changed his residence but not his job. Neither does the change in residence mean that he is married yet.

It will be of interest to every '17 man to know the body of Lieut. J. E. Frobisher, killed in an airplane battle in September, 1918, arrived in New York on March 18. Funeral services were held in Arlington, N. J., the week following. In this connection it is interesting to note that F. E. Portz, a classmate and member of the Joseph E. Frobisher Post of the American Legion, in Arlington, is chairman of a committee which is raising \$25000 to erect a memorial to the boys of that town who were killed in the war.

E. A. Buxton is General Foreman, Hammer Bldg., Armor Dept., Bethlehem Steel Co., Bethlehem, Pa.

The engagement has been announced of J. Arthur Carlson to Miss Lois Saunier, of Paterson, N. J.

L. E. Collins is with the Central Metal Products Co., of Canton, Ohio.

Alan E. Dynan has been made District Sales Manager of Tate-Jones & Co., Inc., Furnace Engineers of Pittsburgh, with his office at 309 Frisco Bldg., St. Louis, Mo.

Bernard H. Jacobson is now Chemist for E. C. Klipstein & Sons Co., South Charlestown, W. Va.

E. L. Jenness is working for the John Wood Mfg. Co., 1841 Carter Road, Cleveland, Ohio.

T. G. Ralph is Plant Engineer for the Athol Mfg. Co., Marysville, Mich., and is living at 1305 Seventh Street, Port Huron, Mich.

Owen R. Rice read a paper on "Determination of the Hardness of Blast Furnace Coke" at the February meeting of the American Institute of Mining Engineers.

R. F. Walter is Chemical Engineer, National Rosin, Oil & Size Co., 349 S. Front Street, Elizabeth, N. J.

#### Class of 1918

**A. E. Buchanan, Jr., duPont Co., Parlin, N. J.**

Don't know how they are coming but I reckon the results will be surprising when "Buck" announces them to me. They were the very last to get started but I miss my guess if they are the last to finish.

E. H. Flinn is with the LaSalle Steel Co., 2051 W. Lafayette Street, Detroit, Mich.

M. E. Johnson is now with the Pennsylvania State Geological Survey and is living at 121 South Street, Harrisburg, Pa.

M. J. Kay is General By-Products Foreman, Bethlehem Steel Co., Bethlehem, Pa.

## COLGATE'S HANDY GRIP The Refill Shaving Stick



**You don't throw  
your pen away  
when it needs  
refilling**



**N**OR is it necessary to buy a new "Handy Grip" when your Shaving Stick is all used. Just buy a Colgate "Refill," for the price of the soap alone, screw it into your "Handy Grip," and you are "all set" for another long season of easy shaving.

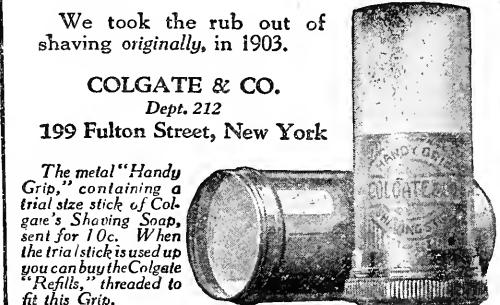
The soap itself is threaded. There is no waste.

Use Colgate's for *Shaving Comfort*, as well as for the *Convenience* it affords. The softening lather needs no mussy rubbing in with the fingers. It leaves your face cool and refreshed.

We took the rub out of  
shaving originally, in 1903.

**COLGATE & CO.**  
Dept. 212  
199 Fulton Street, New York

*The metal "Handy Grip," containing a trial size stick of Colgate's Shaving Soap, sent for 10c. When the trial stick is used up you can buy the Colgate "Refills," threaded to fit this Grip.*



## Class of 1919

**R. W. Ludlow, 23 Church Street, Keansburg, N. J.**

First I must apologize to Ludlow for giving him the wrong address in the last issue. I got mixed and used "Red" Nawrath's address. Luddown wrote sending the first installment of 1919's guarantee fund several weeks ago. Their letter went out to the whole class but there are a lot of chaps who are still to be heard from. I suppose that the committee will have to do a lot of personal correspondence before they get enough to cover the fund plus the heavy expense of circularizing the whole class. Come on boys and lighten the burden for your committee by coming across now instead of waiting for another letter.

E. A. Bertolett is Salesman for the Packard Motor Car Co., 319 N. Broad Street, Philadelphia, Pa., and is living at 569 Lancaster Avenue, Bryn Mawr, Pa.

G. H. Gildersleeve is a student at the University of Virginia and lives at St. Elmo Hall, University, Va.

John A. Knubel is working in an architect's office in New York and living at 344 West 47th Street, New York City.

M. A. Manley is with the National City Co., 55 Wall Street, New York City.

Robert Rosenbaum is Vice-President of David Michael & Co. Inc., Millers and Manufacturers of

Gums and Flavoring Extracts, Ridge Avenue and Green Street, Philadelphia, Pa.

M. C. Simmons is Chemical Demonstrator, du Pont Chemical Works, Parlin, N. J.

## Class of 1920

**Mercer B. Tate, Jr., 63 Wendell Street, Cambridge, Mass.**

I had a long letter from Tate the other day and he enclosed an official class list for approval. He outlined the plan of work laid out for the Executive Committee and certainly everything has been carefully covered. If 1920 don't have a big reunion it won't be the fault of the Executive Committee or the President.

F. G. Macarow, who is with the American Tel. & Tel. Co., 195 Broadway, New York City, is living at 19 Fort Greene Place, Brooklyn, N. Y.

J. J. Mieldazes has just arrived in Buenos Aires, South America, where he is to make a preliminary survey of sanitary conditions, with special reference to malaria, for the Rockefeller Foundation.

George S. Scott is at present employed at the Pittsburgh Station of the U. S. Bureau of Mines, 4800 Forbes Street, Pittsburgh, Pa.

"Jimmie" Straub recently started on a trip around the world, traveling westward, to return home by next fall. Lucky dog, Jimmy.

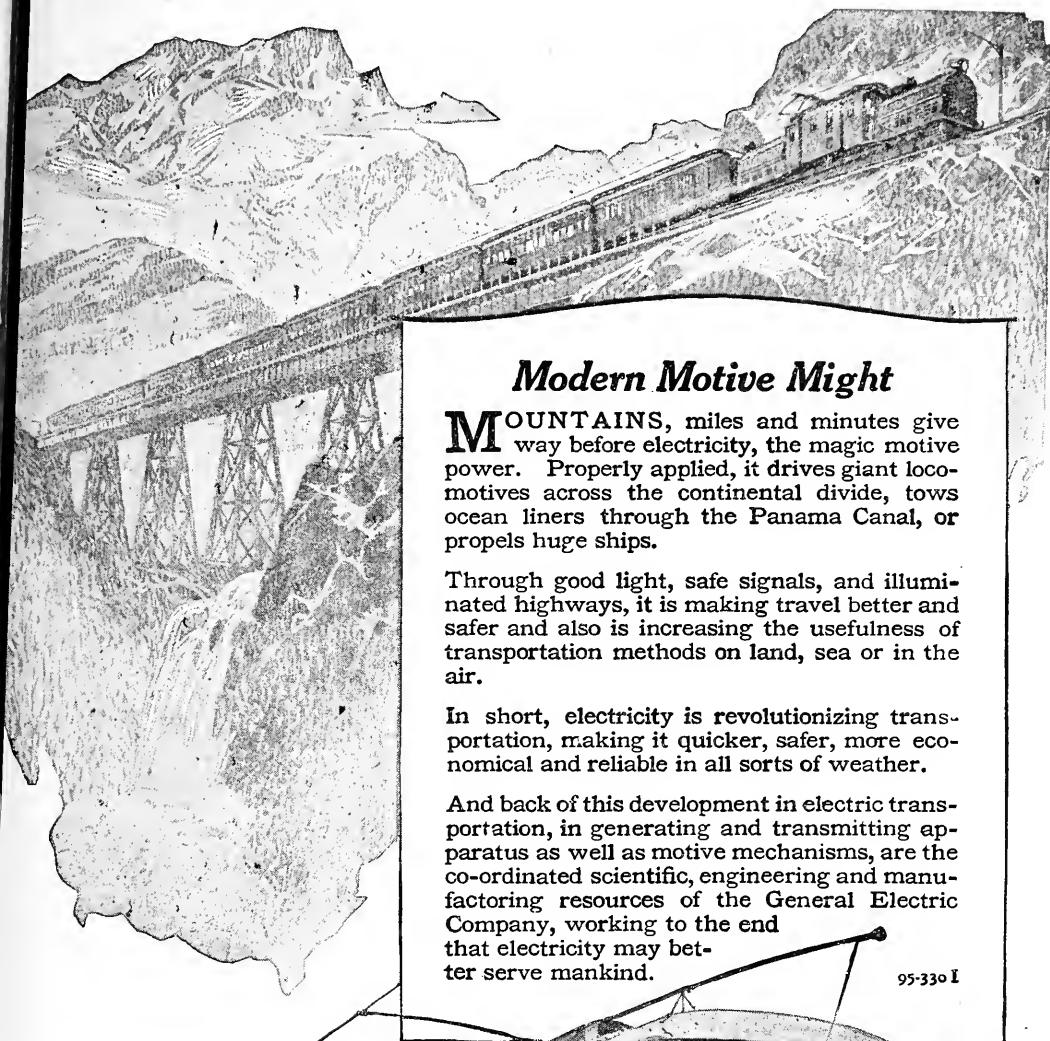
**THE R. G. JOHNSON COMPANY**  
**CONTRACTORS AND ENGINEERS**  
**SHAFTS, SLOPES**  
**MINING CONSTRUCTION**  
**PITTSBURGH, PA.**

R. G. JOHNSON, '04, PRES.  
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**Miners of Old Company's Lehigh Coal**  
**Since 1820**

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### ***Modern Motive Might***

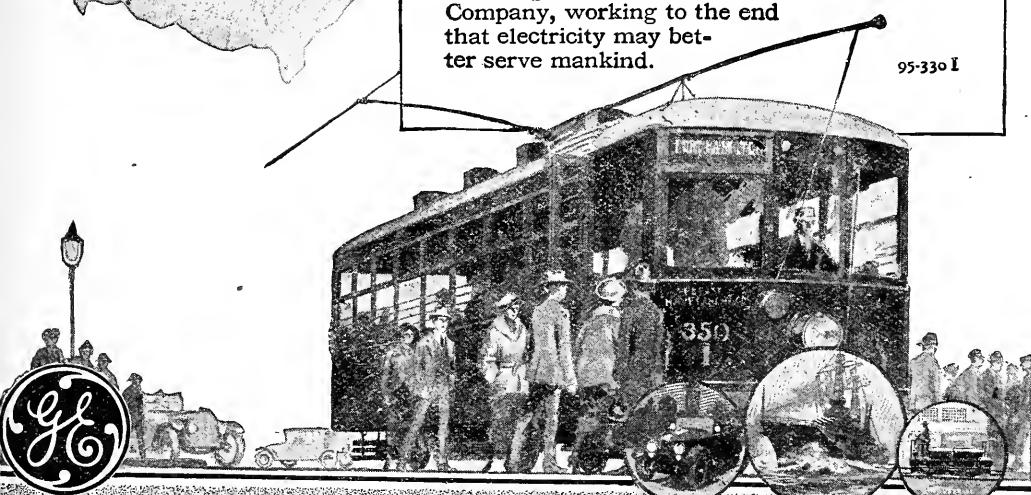
**M**OUNTAINS, miles and minutes give way before electricity, the magic motive power. Properly applied, it drives giant locomotives across the continental divide, tows ocean liners through the Panama Canal, or propels huge ships.

Through good light, safe signals, and illuminated highways, it is making travel better and safer and also is increasing the usefulness of transportation methods on land, sea or in the air.

In short, electricity is revolutionizing transportation, making it quicker, safer, more economical and reliable in all sorts of weather.

And back of this development in electric transportation, in generating and transmitting apparatus as well as motive mechanisms, are the co-ordinated scientific, engineering and manufacturing resources of the General Electric Company, working to the end that electricity may better serve mankind.

95-330 I



**GENERAL ELECTRIC COMPANY**

## Worthington builds every type of boiler feed pump

POWER plant engineers and managers benefit by the Worthington policy of building every type in each of its lines of equipment.

Take for instance the Worthington boiler feed line. Steam pumps include single and duplex, horizontal and vertical types in pot valve plunger and standard piston models for all ranges of pressure. Similarly, Worthington centrifugal pumps are built in patterns to meet the varying conditions of temperature and pressure found in boiler feed work.

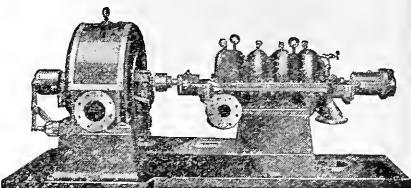
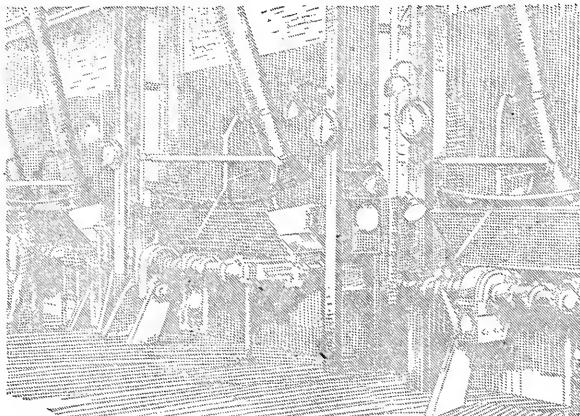
This policy of manufacturing every type of a given equipment assures to the buyer impartial advice on his selection.

WORTHINGTON PUMP AND MACHINERY CORPORATION

C. P. Coleman, '88, President

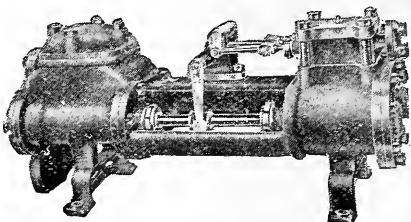
Executive Offices: 115 Broadway, New York City  
Branch Offices in 24 Large Cities

B7

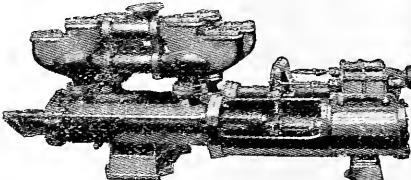


Double Suction Turbine Pump,  
Boiler Feed Pattern

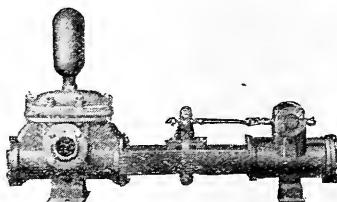
Centrifugal pumps often become steam bound while handling hot water. Under such conditions, the rotating element of the average pump may seize at close clearance points. Worthington double suction centrifugal boiler feeder is equipped with a special floating sealing ring which prevents this binding.



Duplex Packed Piston Pump



Pot Valve Boiler Feed Pump



Single Horizontal Simplex Pump  
—Piston Pattern

PUMPS—COMPRESSORS—CONDENSERS—OIL & GAS ENGINES—METERS—MINING—ROCK CRUSHING & CEMENT MACHINERY

# WORTHINGTON

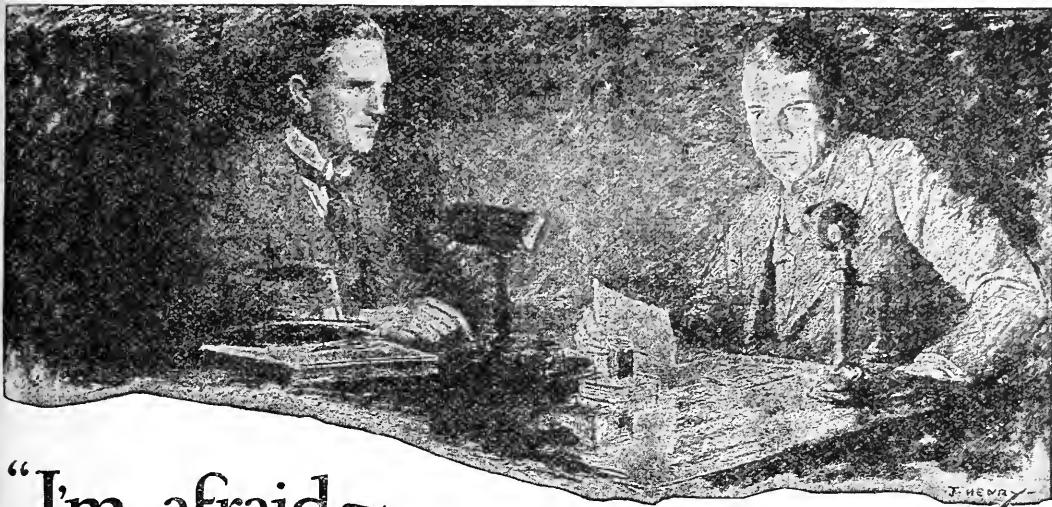
Deane Works, Holyoke, Mass.  
Blake & Knowles Works  
East Cambridge, Mass.  
Worthington Works  
Harrison, N. J.  
Laidlaw Works, Cincinnati, Ohio.

Hazleton Works,

Hazleton, Pa.

Gas Engine Works, Cudahy, Wisc.  
Power & Mining Works  
Cudahy, Wisc.  
Snow-Holy Works  
Buffalo, N. Y.  
Epping-Carpenter, Pittsburgh, Pa.





# "I'm afraid— yes, sir, afraid!"

THE man's name and record are on file in the Institute's offices. This is his story, just as he told it to the Institute man. He sat in an office, and the Alexander Hamilton Institute man had hardly introduced himself before he asked for the enrolment blank.

"It would be funny if it weren't so tragic," he said, "how we procrastinate in doing the thing we know we ought to do."

"Two years ago I sent for 'Forging Ahead in Business,' the wonderful little book that your people give to ambitious men.

"I knew the value of your Course; I had seen what it can do for other college men. I meant to enrol immediately but

#### *Somehow I put it off*

"I FELT the need of an all-round business training. But still I delayed, and now—" he stopped and smiled, and then went on with a serious note of regret.

"Now the thing has happened to me that I've been working for and praying for ever since I left school. I've just landed a real job! Understand I'm to be practically the whole works in this new place. The decisions will all be mine. Buying, accounting, sales, advertising, factory management, finance—I'll be responsible for them all.

"And I'm afraid, yes, sir, plain afraid. I haven't got the training that I ought

to have begun to get two years ago . . . the training that you offered, and that I meant to take.

"Suppose I fail in this new big job! Why, it would set me back for years! I don't intend to fail, of course. I'm going to dig into this Course with all my might and learn as fast as I can. But I ought to have begun two years ago. What a fool I was to put that off."

#### *The tragic penalty of delay*

IT IS because incidents like this are told to Alexander Hamilton Institute men every day in the year that we are printing this man's story in his own simple words.

How many college men will read it and say: "I could have said almost the same thing myself!"

Since it was founded, the Institute has enrolled thousands of men who are today making more rapid progress in business as a result of its training.

Of these no less than 45,000 are graduates of colleges and universities.

This is the Institute's mark of distinction—that its appeal is to the unusual man. It has only one Course, embracing the fundamentals underlying all business, and its training fits a man for the sort of executive positions where demand always outruns supply.

One of the tragedies of the business world is that many college men spend so many of the best years of their lives

in doing tasks which they know are below their real capacities.

It is the privilege of the Institute to save those wasted years—to give a man in the leisure moments of a few months the working knowledge of the various departments of modern business which would ordinarily take him years to acquire.

#### *"Forging Ahead in Business"*

"FORGING Ahead in Business" is a 116-page book. It represents the experience of 11 years in training men for success. It has been revised twenty times; it is a rather expensive book to produce. There are no copies for boys or the merely curious. But to any thinking man it is sent without obligation. Your copy is ready to go to you the moment your address is received.

**Alexander Hamilton Institute**  
938 Astor Place, N. Y. City

Send me "Forging Ahead in Business" which I may keep without obligation.



Name \_\_\_\_\_ *Print here*

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Address \_\_\_\_\_

Business \_\_\_\_\_  
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# DESIRABLE RESULTS WITH EXPLOSIVES

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Atlas Products include:

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Sulphuric Acid, Nitric Acid, Mixed Acids,  
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**Lacquers**

For Wood and Metal

**Leather Cloth**

For Upholstery.

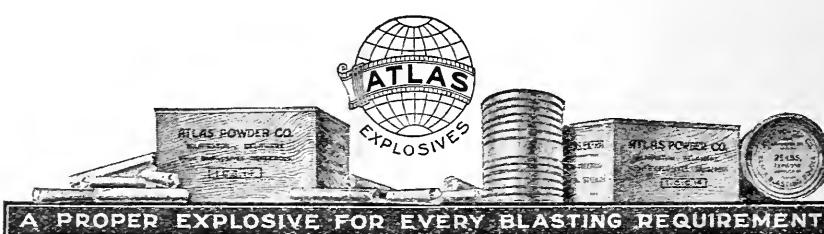
## ATLAS POWDER COMPANY

GENERAL OFFICES

WILMINGTON, DEL.

Frank H. Gunsolus, '98

Weston G. Frome, '10

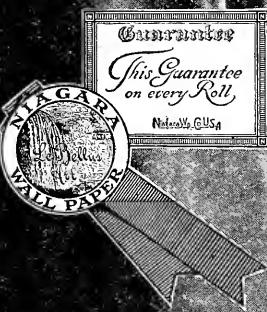


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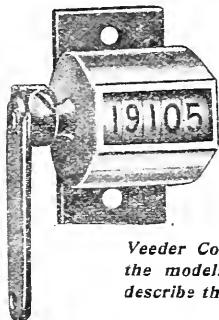
T. M. UPTEGRAFF  
Class '09

R. H. TORREY  
Class '09

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The small Rotary Ratchet Counter shown at left is a most adaptable counter for practical and experimental work. It counts reciprocating movements of the lever, as required in recording the output of stamping-presses. When the lever is moved through an angle of 40 to 60 degrees, the counter registers one. A complete revolution of the lever registers ten. This counter is applicable to no end of small machines, by adjusting the throw of the lever.

Price, \$2.00. (Cut nearly full-size).

*Veeder Counters are made for every machine that should have one—all the models are shown in the Veeder counter booklet. Special circulars describe the other Veeder products; write for any or all of them.*

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J. GEORGE LEHMAN, '96, 1st Vice Pres & Gen'l Mgr. I. E. KRAUSE, Sec'y and Treas.



**Guaranty Trust Company Bank Building, New York City**  
Awarded Gold Medal in 5th Ave Construction Contest, Nov. 1920

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IN STOCK  
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C. Atkins, '19  
B. B. Davidson, '20  
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**CANNED COCONUT COCONUT OIL  
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# MODERN AND APPROVED APPLIANCES FOR THE TRANSMISSION OF POWER

CHAS. O. WOOD, '92

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## THE PHOENIX IRON CO.

Manufacturers of Open Hearth

### Structural Steel Shapes

Works:  
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## THE PHOENIX BRIDGE CO.

Engineers and Builders of  
Bridges and Other Structures of Steel

Bridge Works, PHOENIXVILLE, PA.

Established 1790

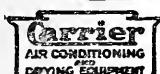
Capacity 75,000 Tons per Annum.

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W. H. ELLIS, '09, ASST. ENGR., ERECTION DEPT.  
W. E. STURGIS, '10, RES. ENGR., WASHINGTON OFFICE

RICHARDS & GASTON, INC.  
ENGINEERS AND CONTRACTORS  
RAILROADS, BRIDGES,  
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LOUIS P. GASTON, '88, PRES.

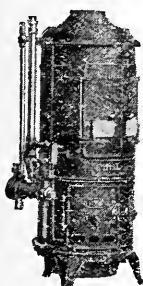
OFFICE SHOPS AND YARD,  
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H. G. VANDERVEER, '03  
S. B. RICHARDS, '20

### Carrier Engineering Corporation



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